Quantitation Report (Qedit)

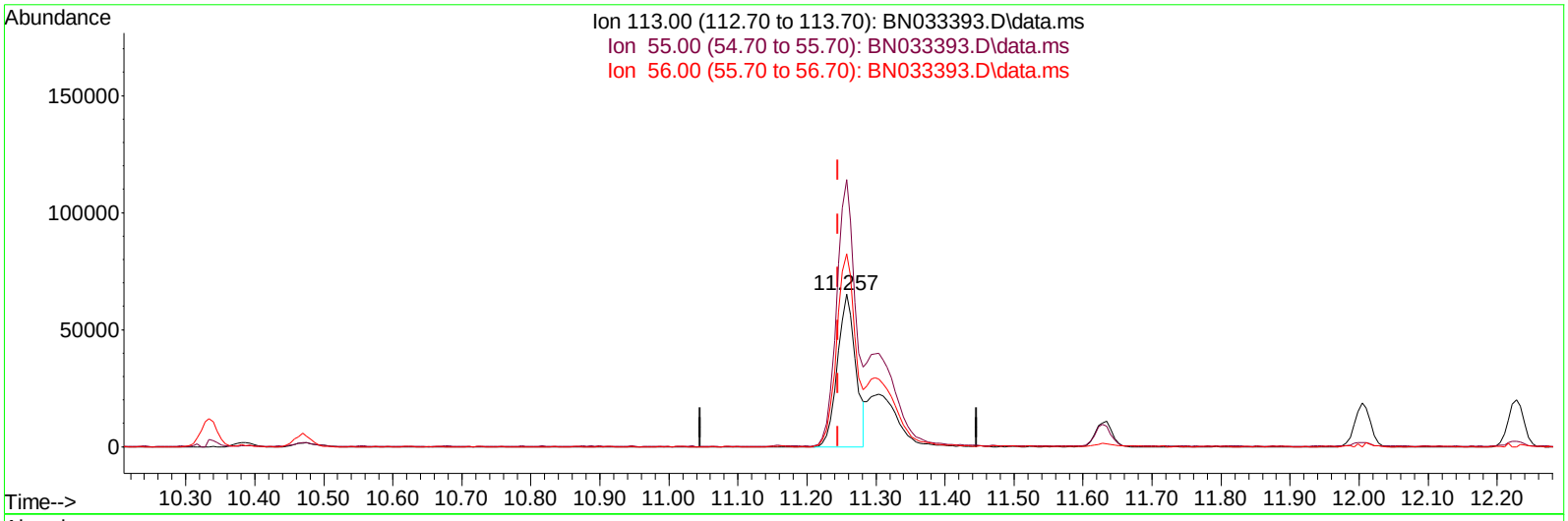
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081524\
Data File : BN033393.D
Acq On : 15 Aug 2024 10:23
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

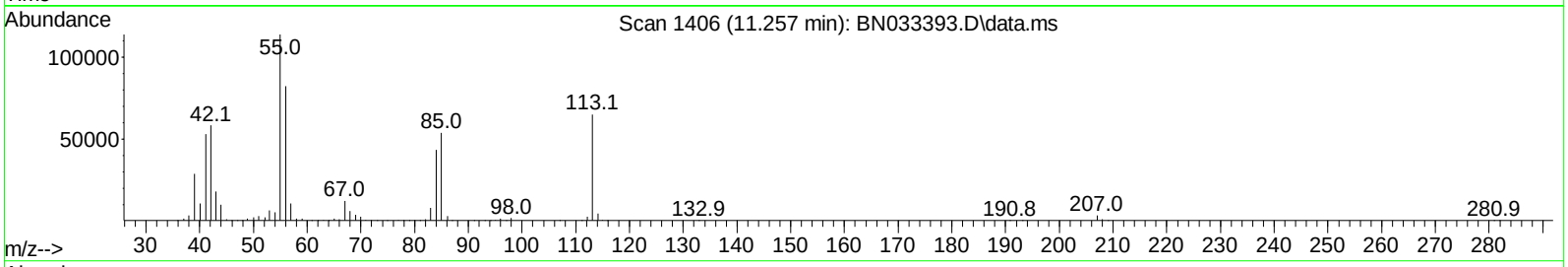
Quant Time: Aug 15 12:05:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 02:12:11 2024
Response via : Initial Calibration

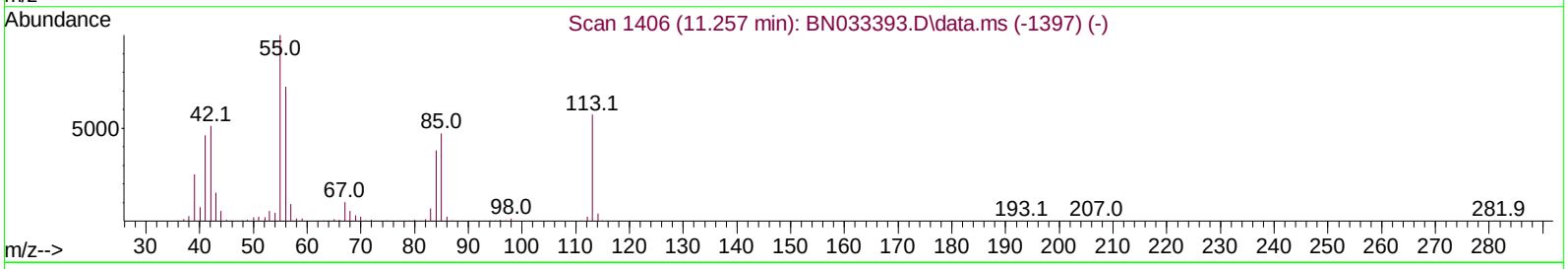
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BN033393.D\data.ms

(34) Caprolactam

11.257min (+ 0.012) 11.25 ng/ul

response 119591

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.70	175.08
56.00	131.40	126.41
0.00	0.00	0.00

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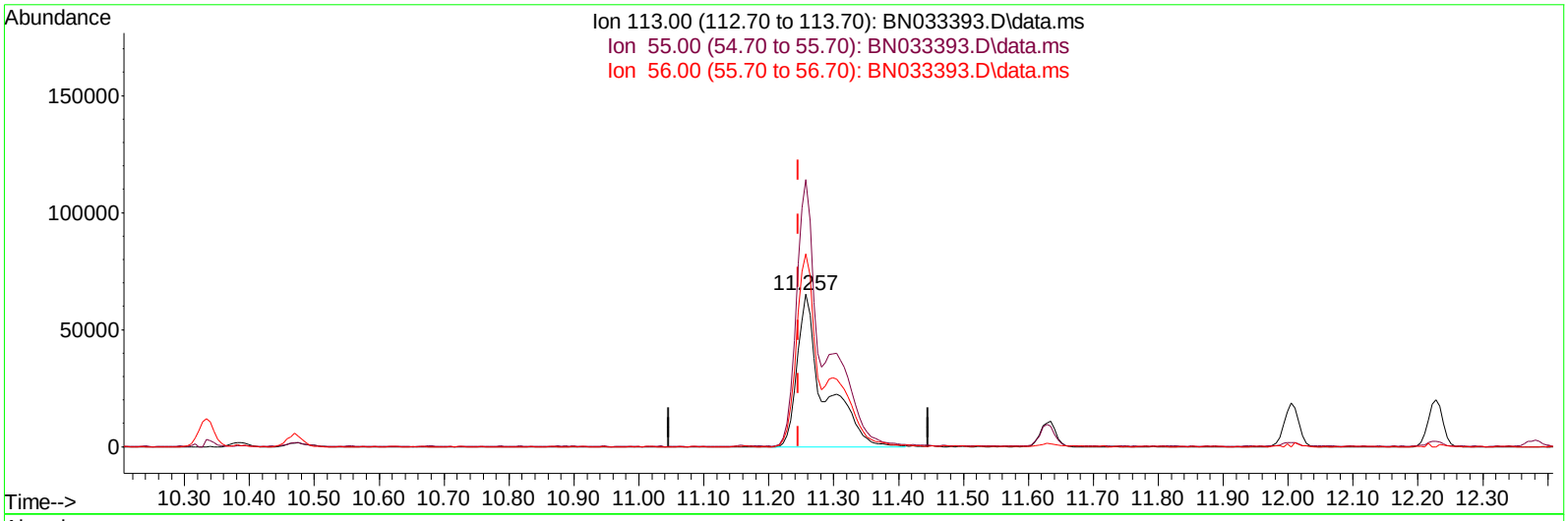

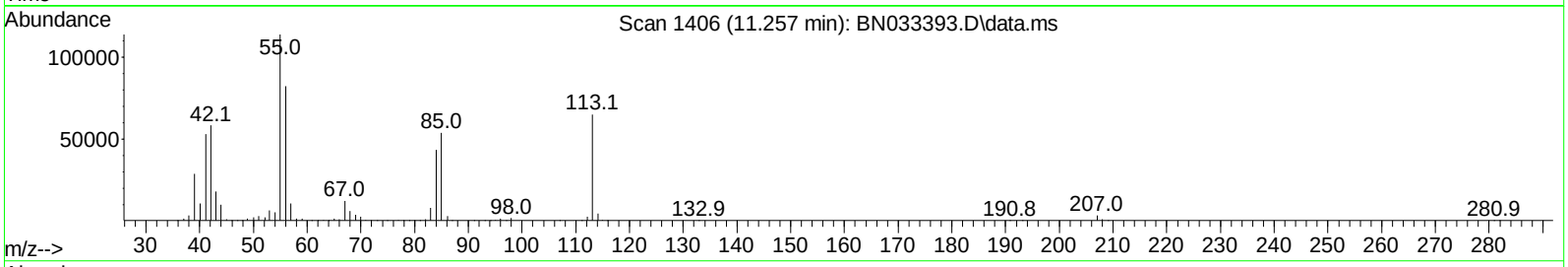

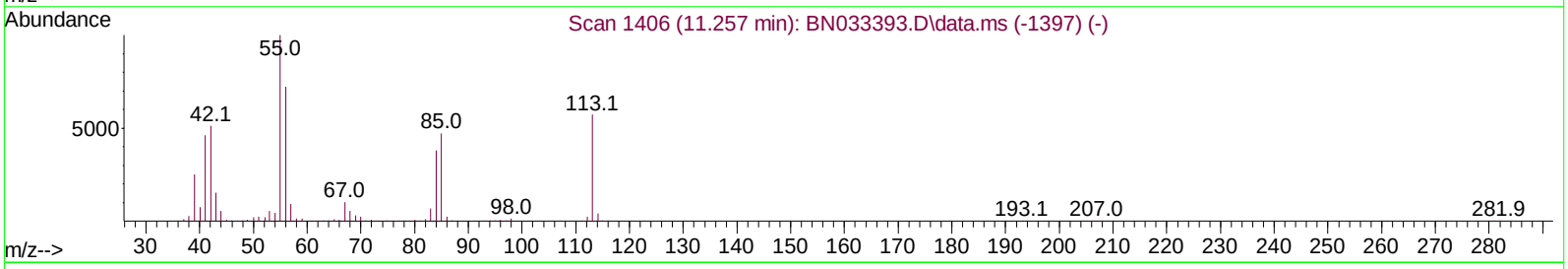

TIC: BN033393.D\data.ms

(34) Caprolactam

11.257min (+ 0.012) 17.69 ng/ul m

response 188084

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.70	175.08
56.00	131.40	126.41
0.00	0.00	0.00

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Acq On : 15 Aug 2024 10:23
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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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
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Instrument :
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LabSampleId :
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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	7.569	152	374812	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	1725124	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.210	164	1136249	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	2361921	20.000	ng/ul	0.00
79) Chrysene-d12	21.198	240	2200869	20.000	ng/ul	0.00
88) Perylene-d12	24.021	264	2142819	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	63006	6.858	ng/uL	0.00
4) Pyridine-d5	3.540	84	500730	17.962	ng/ul	0.00
7) Phenol-d5	6.752	99	650233	18.914	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	418447	18.983	ng/ul	0.00
11) 2-Chlorophenol-d4	7.105	132	528429	20.390	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	543534	19.120	ng/ul	0.00
21) Nitrobenzene-d5	8.710	128	264897	20.175	ng/ul	0.00
24) 2-Nitrophenol-d4	9.422	143	260314	22.516	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	539038	20.943	ng/ul	0.00
31) 4-Chloroaniline-d4	10.469	131	778427	18.141	ng/ul	0.00
46) Dimethylphthalate-d6	13.634	166	1590124	18.389	ng/ul	0.00
49) Acenaphthylene-d8	13.898	160	1869676	19.312	ng/ul	0.00
54) 4-Nitrophenol-d4	14.416	143	317984	19.031	ng/ul	0.00
60) Fluorene-d10	15.210	176	1371481	18.493	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	217777	19.577	ng/ul	0.00
73) Anthracene-d10	17.057	188	2143478	19.141	ng/ul	0.00
81) Pyrene-d10	19.357	212	2453849	20.191	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	2182225	19.586	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	67595	7.012	ng/uL	95
5) Pyridine	3.558	79	504139	17.592	ng/ul	98
6) Benzaldehyde	6.716	77	410873	23.001	ng/ul	99
8) Phenol	6.775	94	690241	19.107	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.005	93	543961	18.910	ng/ul	99
12) 2-Chlorophenol	7.140	128	534954	19.786	ng/ul	98
13) 2-Methylphenol	8.011	108	527105	19.287	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.093	45	858604	18.387	ng/ul	97
16) Acetophenone	8.381	105	848787	18.385	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.375	70	429976	18.225	ng/ul	99
18) 4-Methylphenol	8.340	108	580015	18.959	ng/ul	96
19) Hexachloroethane	8.634	117	221695	19.622	ng/ul	99
22) Nitrobenzene	8.752	77	640311	19.395	ng/ul	98
23) Isophorone	9.281	82	1216696	18.161	ng/ul	99
25) 2-Nitrophenol	9.458	139	295223	21.882	ng/ul	99
26) 2,4-Dimethylphenol	9.528	107	605321	18.955	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.769	93	766071	18.464	ng/ul	98
29) 2,4-Dichlorophenol	9.987	162	534720	20.087	ng/ul	99
30) Naphthalene	10.381	128	1786246	18.571	ng/ul	100
32) 4-Chloroaniline	10.493	127	764854	18.226	ng/ul	99
33) Hexachlorobutadiene	10.681	225	327097	19.658	ng/ul	98
34) Caprolactam	11.257	113	188084m	17.692	ng/ul	
35) 4-Chloro-3-methylphenol	11.628	107	605460	19.771	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.004	142	1260197	18.616	ng/ul	99
37) 1-Methylnaphthalene	12.228	142	1276766	18.660	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.381	216	642630	19.753	ng/ul	94
40) Hexachlorocyclopentadiene	12.369	237	326187	18.093	ng/ul#	99
41) 2,4,6-Trichlorophenol	12.628	196	425272	21.304	ng/ul	98
42) 2,4,5-Trichlorophenol	12.693	196	462021	20.552	ng/ul	97
43) 1,1'-Biphenyl	13.040	154	1629593	19.016	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	1279258	19.257	ng/ul	99
45) 2-Nitroaniline	13.275	65	393796	20.632	ng/ul	98
47) Dimethylphthalate	13.681	163	1580375	18.206	ng/ul	99
48) 2,6-Dinitrotoluene	13.787	165	320147	20.293	ng/ul	99
50) Acenaphthylene	13.928	152	2018582	19.093	ng/ul	99
51) 3-Nitroaniline	14.110	138	366010	20.488	ng/ul	99
52) Acenaphthene	14.275	153	1398677	18.722	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	143668	18.435	ng/ul	99
55) 4-Nitrophenol	14.428	109	246034	18.801	ng/ul	98
56) Dibenzofuran	14.610	168	1928999	18.493	ng/ul	100
57) 2,4-Dinitrotoluene	14.575	165	481493	20.308	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.840	232	373962	20.470	ng/ul	97
59) Diethylphthalate	15.063	149	1655606	18.282	ng/ul	99
61) Fluorene	15.263	166	1568790	18.274	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.269	204	741932	18.012	ng/ul	99
63) 4-Nitroaniline	15.281	138	368882	20.062	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.340	198	243952	19.405	ng/ul	99
67) N-Nitrosodiphenylamine	15.481	169	1380650	19.438	ng/ul	96
68) 4-Bromophenyl-phenylether	16.163	248	478533	19.849	ng/ul	97
69) Hexachlorobenzene	16.269	284	534472	19.363	ng/ul#	89
70) Atrazine	16.445	200	506207	19.156	ng/ul	95
71) Pentachlorophenol	16.610	266	347604	20.018	ng/ul	98
72) Phenanthrene	16.998	178	2492960	18.876	ng/ul	99
74) Anthracene	17.092	178	2562938	19.049	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.993	216	652911	20.503	ng/uL	92
76) Pentachlorobenzene	14.534	250	649022	19.804	ng/uL	98
77) Carbazole	17.363	167	2357453	19.005	ng/ul	100
78) Di-n-butylphthalate	17.957	149	2988103	19.288	ng/ul	100
80) Fluoranthene	19.028	202	2896926	20.386	ng/ul	98
82) Pyrene	19.392	202	3132415	20.338	ng/ul	97
83) Butylbenzylphthalate	20.322	149	1358477	22.012	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.110	252	981898	19.570	ng/ul	93
85) Benzo(a)anthracene	21.180	228	3042893	19.214	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.145	149	2116032	21.134	ng/ul	99
87) Chrysene	21.239	228	2817328	18.916	ng/ul	98
89) Di-n-octyl phthalate	22.233	149	3598929	26.077	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	2722434	20.436	ng/ul	95
91) Benzo(k)fluoranthene	23.198	252	2691491	20.351	ng/ul	98
93) Benzo(a)pyrene	23.892	252	2463588	19.514	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.168	276	2621768	16.734	ng/ul	96
95) Dibenzo(a,h)anthracene	27.239	278	2135377	16.643	ng/ul	99
96) Benzo(g,h,i)perylene	28.145	276	1953704	16.226	ng/ul	98

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

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