Quantitation Report (Qedit)

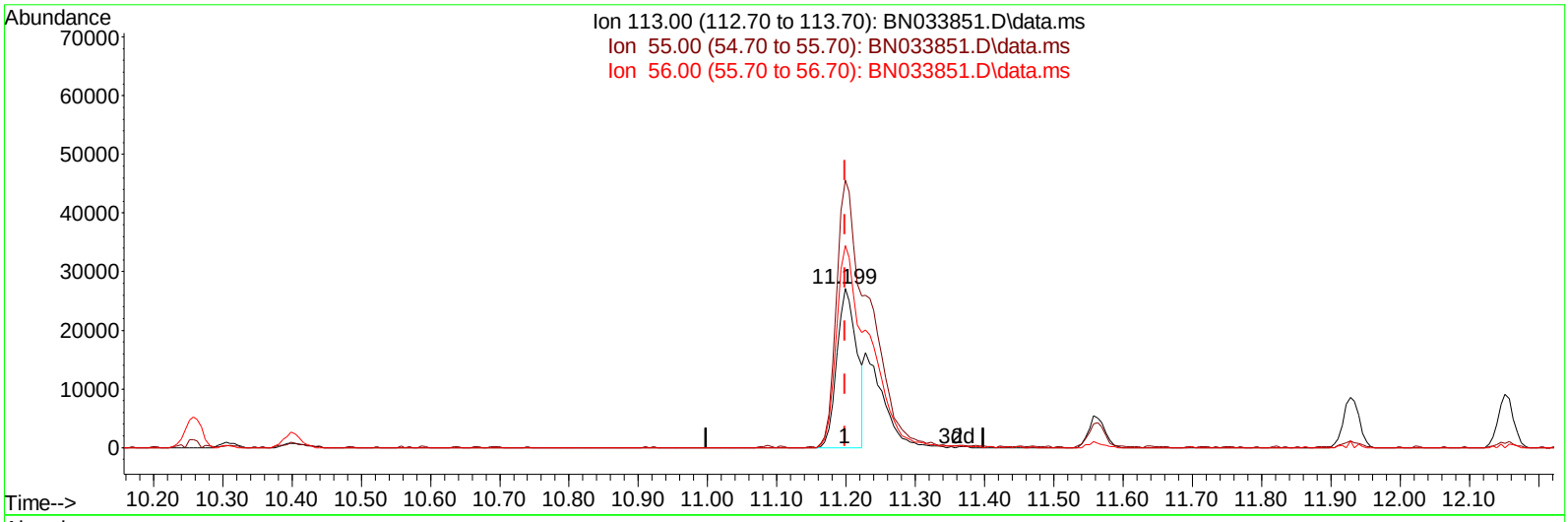
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
Data File : BN033851.D
Acq On : 10 Sep 2024 21:18
Operator : JU/RC
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

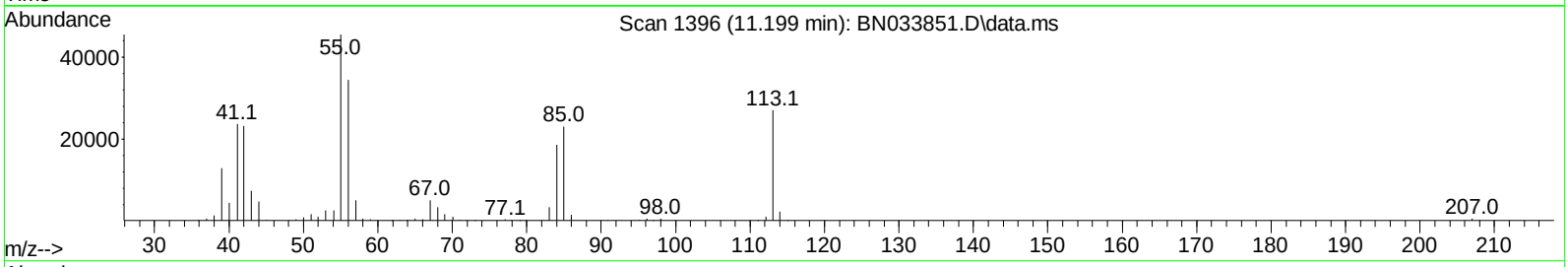
Quant Time: Sep 11 02:02:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 01:58:59 2024
Response via : Initial Calibration

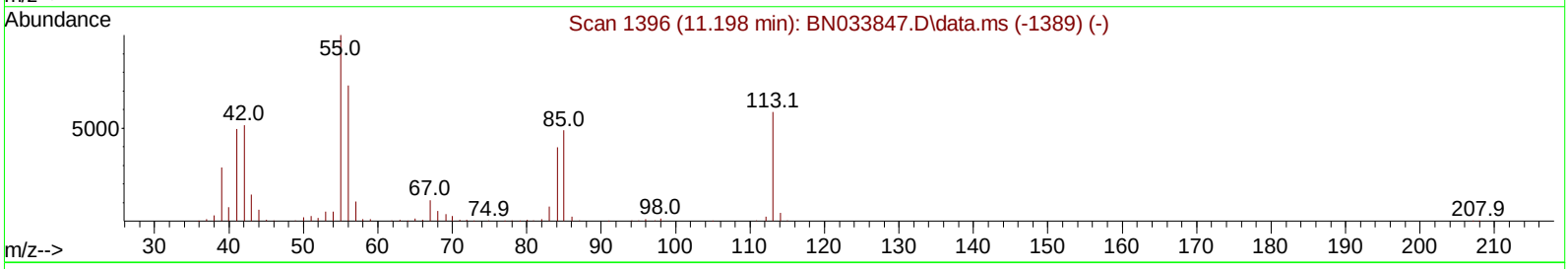
Instrument :
BNA_N
ClientSampleId :
SICV223

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024







TIC: BN033851.D\data.ms

(34) Caprolactam

11.199min (+ 0.000) 11.92 ng/ul

response 53977

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	167.82
56.00	124.60	126.83
0.00	0.00	0.00

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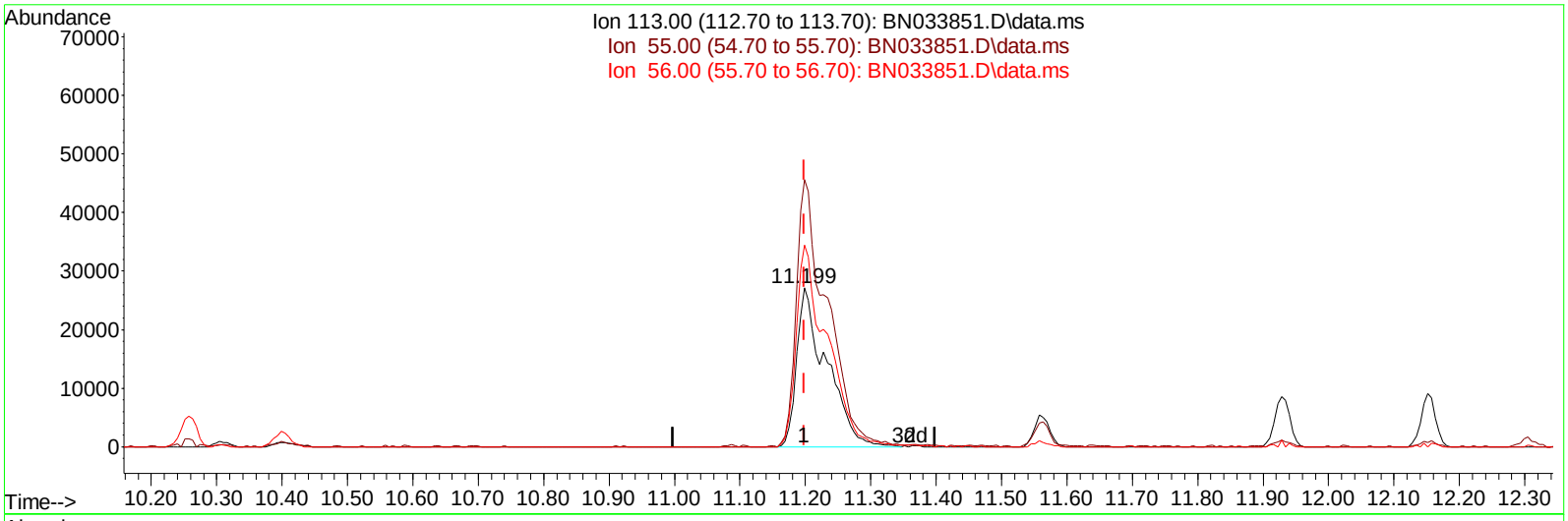

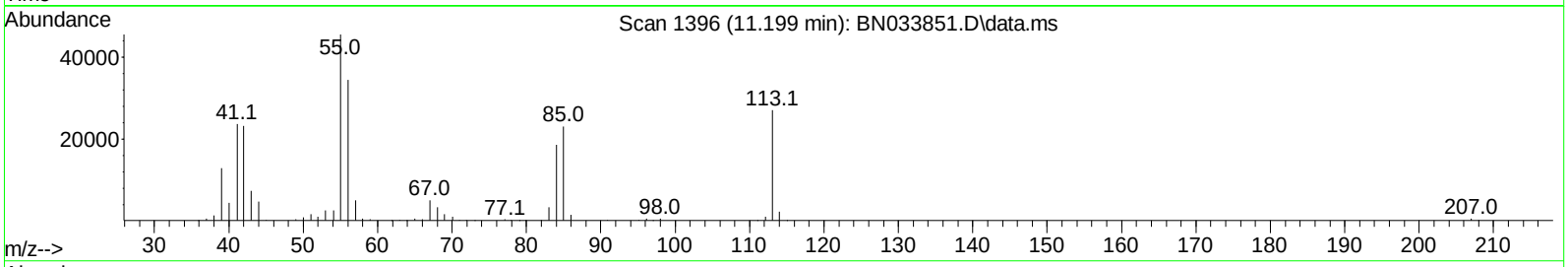

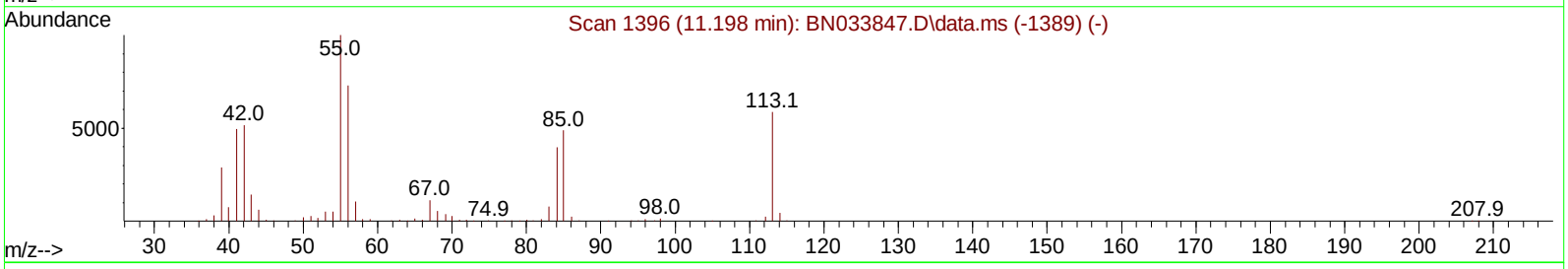

TIC: BN033851.D\data.ms

(34) Caprolactam

11.199min (+ 0.000) 18.97 ng/ul m

response 85897

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	167.82
56.00	124.60	126.83
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	7.499	152	160478	20.000	ng/ul	0.00
20) Naphthalene-d8	10.258	136	727519	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.140	164	480194	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.892	188	1011384	20.000	ng/ul	0.00
79) Chrysene-d12	21.128	240	996554	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1174944	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	31887	8.108	ng/uL	0.00
4) Pyridine-d5	3.499	84	246707	21.105	ng/ul	0.00
7) Phenol-d5	6.693	99	295545	20.751	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.852	67	198802	22.497	ng/ul	0.00
11) 2-Chlorophenol-d4	7.040	132	236886	21.130	ng/ul	0.00
15) 4-Methylphenol-d8	8.211	113	246442	21.029	ng/ul	0.00
21) Nitrobenzene-d5	8.640	128	121379	20.932	ng/ul	0.00
24) 2-Nitrophenol-d4	9.352	143	126705	21.249	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.887	165	235872	21.004	ng/ul	0.00
31) 4-Chloroaniline-d4	10.399	131	355817	20.929	ng/ul	0.00
46) Dimethylphthalate-d6	13.569	166	748472	20.857	ng/ul	0.00
49) Acenaphthylene-d8	13.828	160	851910	21.102	ng/ul	0.00
54) 4-Nitrophenol-d4	14.363	143	153111	20.789	ng/ul	0.00
60) Fluorene-d10	15.140	176	618972	20.352	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.269	200	120951	20.057	ng/ul	0.00
73) Anthracene-d10	16.992	188	981215	20.636	ng/ul	0.00
81) Pyrene-d10	19.298	212	1145437	20.629	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.722	264	1291559	21.400	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	34056	8.209	ng/uL	95
5) Pyridine	3.523	79	227200	18.994	ng/ul	99
6) Benzaldehyde	6.658	77	146519	19.489	ng/ul	95
8) Phenol	6.717	94	301100	20.305	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.940	93	240793	20.893	ng/ul	99
12) 2-Chlorophenol	7.069	128	238664	20.773	ng/ul	99
13) 2-Methylphenol	7.946	108	225944	20.386	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.022	45	354654	20.866	ng/ul	98
16) Acetophenone	8.311	105	395253	21.291	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.305	70	197891	21.527	ng/ul	98
18) 4-Methylphenol	8.269	108	254387	20.623	ng/ul	99
19) Hexachloroethane	8.558	117	99436	20.520	ng/ul	98
22) Nitrobenzene	8.681	77	293215	20.202	ng/ul	97
23) Isophorone	9.211	82	551350	20.600	ng/ul	99
25) 2-Nitrophenol	9.387	139	138111	20.695	ng/ul	98
26) 2,4-Dimethylphenol	9.458	107	247840	18.052	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.693	93	334642	20.321	ng/ul	97
29) 2,4-Dichlorophenol	9.916	162	229700	20.201	ng/ul	99
30) Naphthalene	10.305	128	797358	20.037	ng/ul	99
32) 4-Chloroaniline	10.422	127	346437	20.678	ng/ul	97
33) Hexachlorobutadiene	10.599	225	143978	19.737	ng/ul	97
34) Caprolactam	11.199	113	85897m	18.974	ng/ul	
35) 4-Chloro-3-methylphenol	11.563	107	276144	20.629	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.928	142	565716	20.638	ng/ul	100
37) 1-Methylnaphthalene	12.152	142	536854	19.348	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.304	216	276765	19.964	ng/ul	97
40) Hexachlorocyclopentadiene	12.293	237	148627	17.425	ng/ul	95
41) 2,4,6-Trichlorophenol	12.557	196	186731	20.318	ng/ul	95
42) 2,4,5-Trichlorophenol	12.628	196	203795	20.188	ng/ul	100
43) 1,1'-Biphenyl	12.963	154	724992	20.026	ng/ul	99
44) 2-Chloronaphthalene	13.004	162	558576	19.806	ng/ul	99
45) 2-Nitroaniline	13.216	65	190014	20.850	ng/ul	97
47) Dimethylphthalate	13.616	163	743612	20.331	ng/ul	99
48) 2,6-Dinitrotoluene	13.728	165	161422	22.414	ng/ul	96
50) Acenaphthylene	13.857	152	919814	20.821	ng/ul	99
51) 3-Nitroaniline	14.051	138	181329	22.783	ng/ul	100
52) Acenaphthene	14.204	153	629013	19.944	ng/ul	99
53) 2,4-Dinitrophenol	14.263	184	78385	18.504	ng/ul	92
55) 4-Nitrophenol	14.375	109	123474	19.741	ng/ul	92
56) Dibenzofuran	14.546	168	874414	20.274	ng/ul	99
57) 2,4-Dinitrotoluene	14.516	165	227614	20.964	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.775	232	184588	22.036	ng/ul	98
59) Diethylphthalate	14.993	149	779853	20.405	ng/ul	99
61) Fluorene	15.198	166	712020	20.181	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.198	204	338801	19.812	ng/ul	98
63) 4-Nitroaniline	15.222	138	189892	23.186	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.281	198	133033	19.866	ng/ul#	97
67) N-Nitrosodiphenylamine	15.416	169	626749	20.680	ng/ul	99
68) 4-Bromophenyl-phenylether	16.098	248	206417	20.099	ng/ul	98
69) Hexachlorobenzene	16.204	284	242709	20.361	ng/ul	98
70) Atrazine	16.381	200	232180	21.144	ng/ul	98
71) Pentachlorophenol	16.551	266	158967	20.023	ng/ul	98
72) Phenanthrene	16.934	178	1141608	20.471	ng/ul	99
74) Anthracene	17.028	178	1166436	20.483	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.928	216	262812	18.671	ng/uL	97
76) Pentachlorobenzene	14.463	250	279972	19.535	ng/uL	97
77) Carbazole	17.304	167	1109602	21.171	ng/ul	99
78) Di-n-butylphthalate	17.887	149	1364235	20.476	ng/ul	99
80) Fluoranthene	18.963	202	1311606	20.206	ng/ul	99
82) Pyrene	19.328	202	1454514	20.843	ng/ul	97
83) Butylbenzylphthalate	20.263	149	630909	20.161	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.045	252	517823	23.133	ng/ul	99
85) Benzo(a)anthracene	21.110	228	1439783	20.263	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.069	149	941667	20.558	ng/ul	97
87) Chrysene	21.169	228	1367001	20.163	ng/ul	98
89) Di-n-octyl phthalate	22.133	149	1581923	20.234	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1449069	20.228	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	1471433	20.822	ng/ul	98
93) Benzo(a)pyrene	23.774	252	1424719	21.053	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.998	276	1711067	20.407	ng/ul	99
95) Dibenzo(a,h)anthracene	27.045	278	1404335	20.720	ng/ul	98
96) Benzo(g,h,i)perylene	27.957	276	1281491	19.688	ng/ul	98

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

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