Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041723\
Data File : BN024958.D
Acq On : 17 Apr 2023 16:45
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 18 01:23:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 18 01:19:27 2023
Response via : Initial Calibration

Instrument :
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LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

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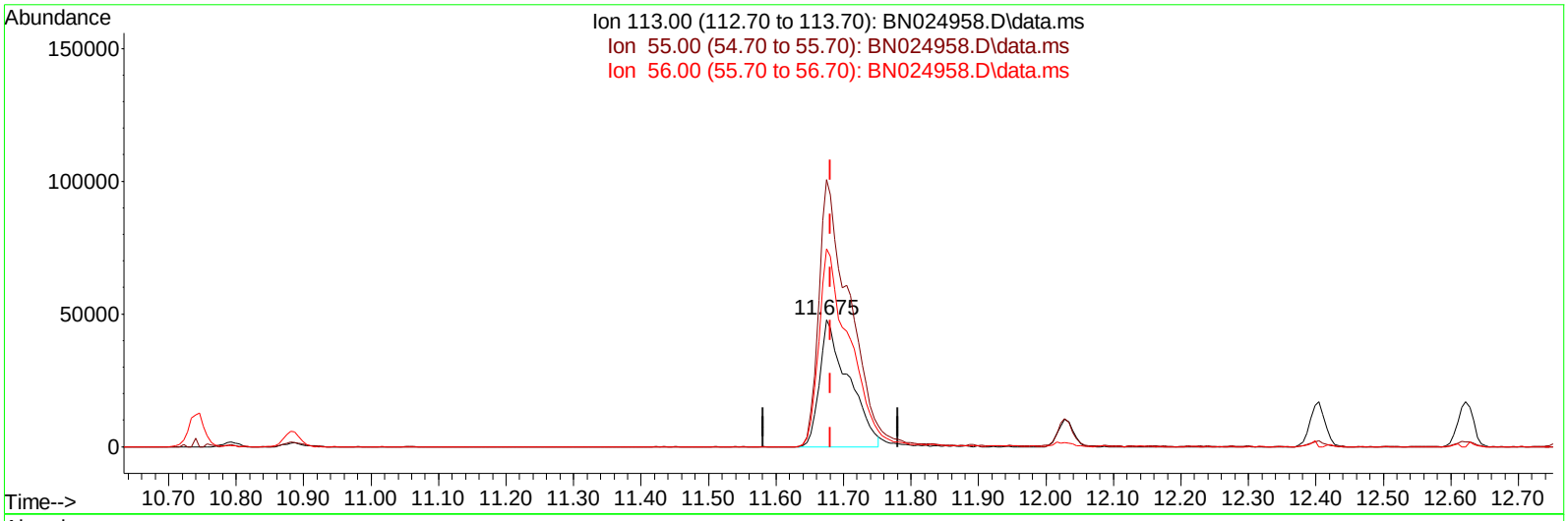
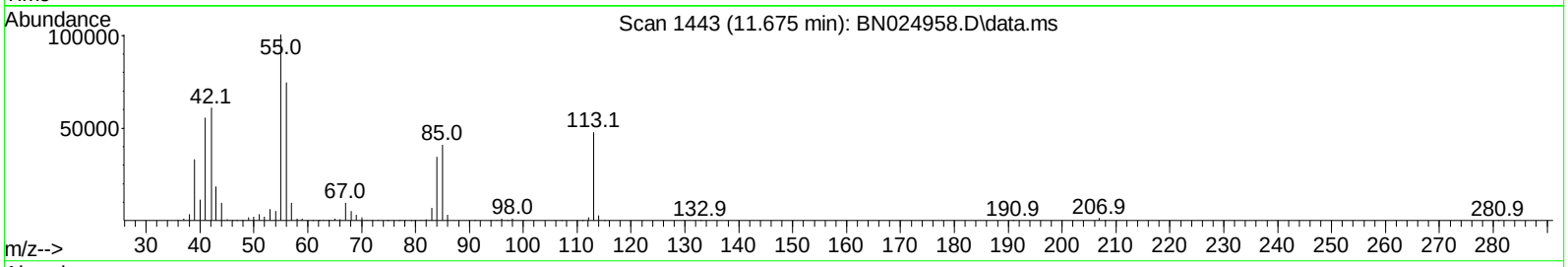
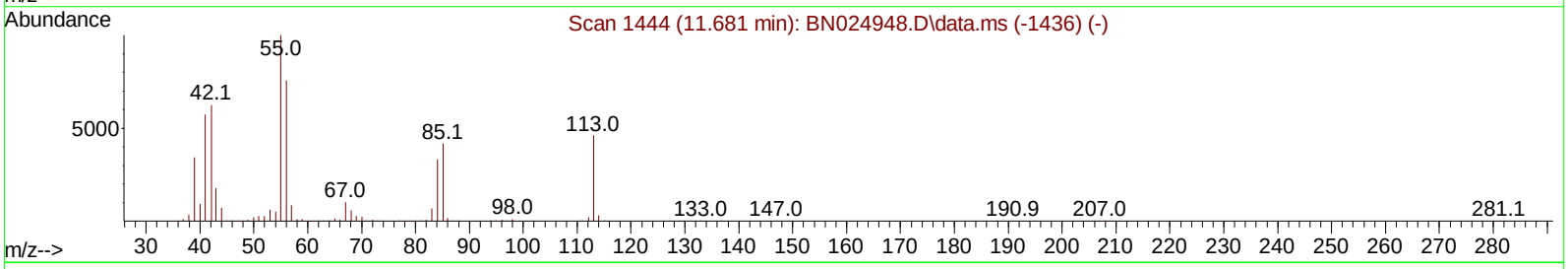
Supervised By :Jagrut Upadhyay 04/18/2023







TIC: BN024958.D\data.ms

(34) Caprolactam

11.675min (-0.006) 19.12 ng/ul

response 142048

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	210.22
56.00	166.90	155.97
0.00	0.00	0.00

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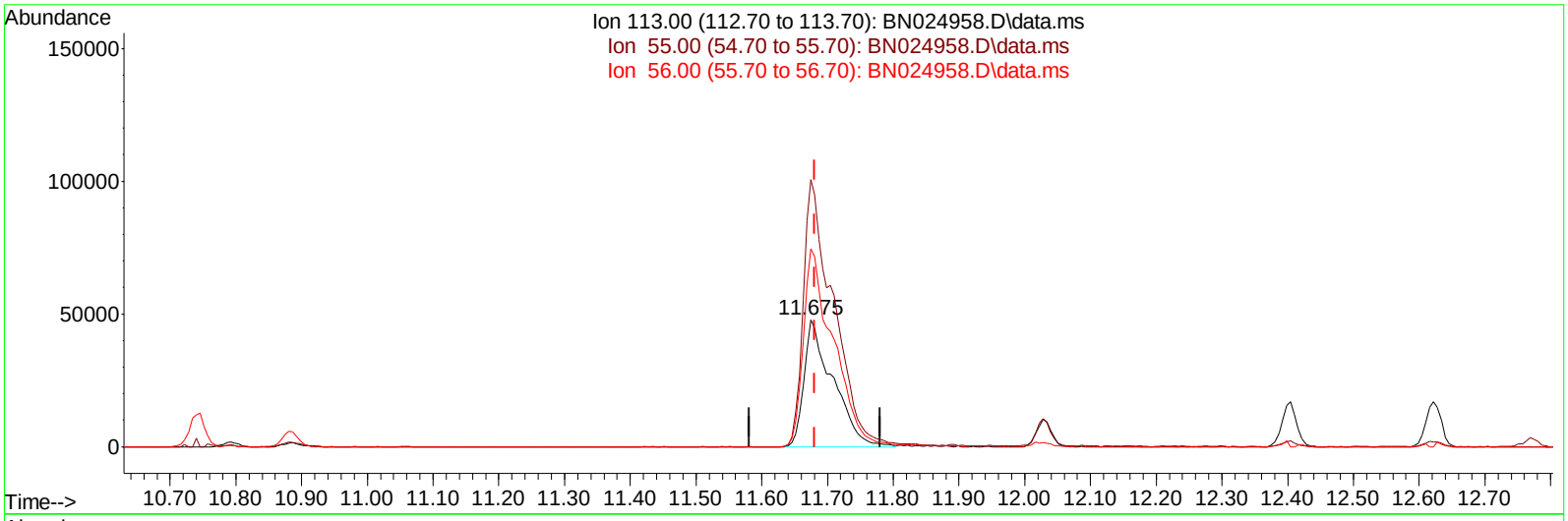

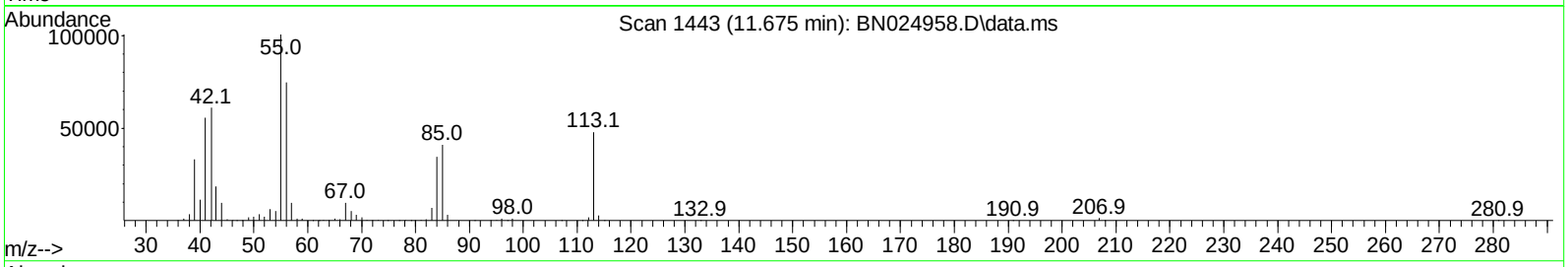

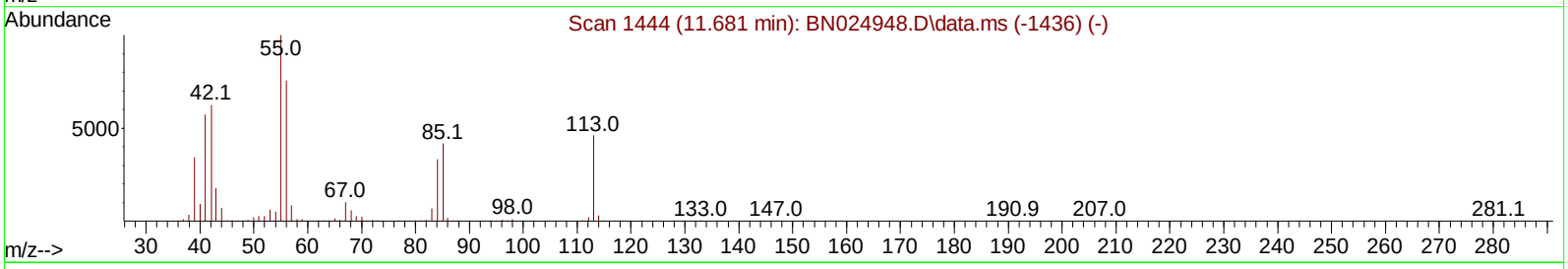

TIC: BN024958.D\data.ms

(34) Caprolactam

11.675min (-0.006) 19.63 ng/ul m

response 145859

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	210.22
56.00	166.90	155.97
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	7.928	152	300900	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1347366	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	826573	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	1802320	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	1778146	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	1914864	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	64047	8.101	ng/uL	0.00
4) Pyridine-d5	3.728	84	472557	19.961	ng/ul	0.00
7) Phenol-d5	7.087	99	594669	20.271	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	401891	20.482	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	446157	20.695	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	469918	20.178	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	228219	20.919	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	248364	21.018	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	442225	20.938	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	659680	20.581	ng/ul	0.00
46) Dimethylphthalate-d6	13.987	166	1367734	21.345	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	1577155	21.479	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	265062	20.180	ng/ul	0.00
60) Fluorene-d10	15.569	176	1149419	21.246	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	238211	20.309	ng/ul	0.00
73) Anthracene-d10	17.428	188	1798119	21.242	ng/ul	0.00
81) Pyrene-d10	19.722	212	2085472	20.197	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	2120212	21.176	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	70715	8.288	ng/uL	98
5) Pyridine	3.746	79	495246	20.248	ng/ul	96
6) Benzaldehyde	7.063	77	351942	24.554	ng/ul	98
8) Phenol	7.116	94	622934	20.389	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.346	93	494674	20.624	ng/ul	99
12) 2-Chlorophenol	7.487	128	464724	20.639	ng/ul	99
13) 2-Methylphenol	8.375	108	456271	20.341	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.457	45	953473	20.245	ng/ul	99
16) Acetophenone	8.757	105	762076	20.695	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.740	70	407386	20.510	ng/ul	98
18) 4-Methylphenol	8.704	108	514664	20.633	ng/ul	99
19) Hexachloroethane	9.010	117	185596	20.423	ng/ul	96
22) Nitrobenzene	9.140	77	616089	21.017	ng/ul	99
23) Isophorone	9.663	82	1104607	20.528	ng/ul	99
25) 2-Nitrophenol	9.851	139	272839	21.405	ng/ul	98
26) 2,4-Dimethylphenol	9.910	107	562353	20.954	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.151	93	678707	20.267	ng/ul	98
29) 2,4-Dichlorophenol	10.387	162	450277	21.242	ng/ul	99
30) Naphthalene	10.793	128	1564256	20.788	ng/ul	99
32) 4-Chloroaniline	10.904	127	671307	20.689	ng/ul	99
33) Hexachlorobutadiene	11.075	225	265529	21.491	ng/ul	96
34) Caprolactam	11.675	113	145859m	19.632	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	519043	20.884	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	1053890	21.192	ng/ul	96
37) 1-Methylnaphthalene	12.622	142	1043394	21.017	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.769	216	512361	21.251	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	292057	19.865	ng/ul	97
41) 2,4,6-Trichlorophenol	13.010	196	343753	20.867	ng/ul	94
42) 2,4,5-Trichlorophenol	13.081	196	388074	21.527	ng/ul	98
43) 1,1'-Biphenyl	13.410	154	1383307	21.005	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	1097352	21.459	ng/ul	98
45) 2-Nitroaniline	13.663	65	378110	21.175	ng/ul	98
47) Dimethylphthalate	14.034	163	1352294	20.975	ng/ul	99
48) 2,6-Dinitrotoluene	14.157	165	273708	21.750	ng/ul	97
50) Acenaphthylene	14.298	152	1733799	21.498	ng/ul	99
51) 3-Nitroaniline	14.486	138	282950	21.396	ng/ul	97
52) Acenaphthene	14.645	153	1180786	21.177	ng/ul	97
53) 2,4-Dinitrophenol	14.692	184	151160	18.682	ng/ul	96
55) 4-Nitrophenol	14.792	109	222826	20.843	ng/ul	95
56) Dibenzofuran	14.975	168	1638222	21.316	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	400526	21.987	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.204	232	321278	21.643	ng/ul	96
59) Diethylphthalate	15.398	149	1363384	21.045	ng/ul	99
61) Fluorene	15.628	166	1341473	21.701	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.616	204	630570	21.916	ng/ul	97
63) 4-Nitroaniline	15.651	138	291866	22.395	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.704	198	233247	20.301	ng/ul	95
67) N-Nitrosodiphenylamine	15.833	169	1129291	20.653	ng/ul	98
68) 4-Bromophenyl-phenylether	16.516	248	387359	21.382	ng/ul	97
69) Hexachlorobenzene	16.633	284	436898	21.301	ng/ul	98
70) Atrazine	16.786	200	396509	21.311	ng/ul	98
71) Pentachlorophenol	16.975	266	267591	20.989	ng/ul	94
72) Phenanthrene	17.369	178	2136896	21.010	ng/ul	99
74) Anthracene	17.463	178	2155949	21.037	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	540499	21.084	ng/uL	96
76) Pentachlorobenzene	14.898	250	512428	20.893	ng/uL	95
77) Carbazole	17.733	167	1993009	21.537	ng/ul	99
78) Di-n-butylphthalate	18.292	149	2286763	20.819	ng/ul	99
80) Fluoranthene	19.386	202	2445252	19.760	ng/ul	99
82) Pyrene	19.751	202	2625100	20.153	ng/ul	98
83) Butylbenzylphthalate	20.651	149	1097311	20.291	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	868315	21.283	ng/ul	95
85) Benzo(a)anthracene	21.510	228	2580589	20.207	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.433	149	1607322	19.910	ng/ul	99
87) Chrysene	21.563	228	2518524	20.705	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	2782406	21.144	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2696861	21.476	ng/ul	95
91) Benzo(k)fluoranthene	23.274	252	2629182	21.277	ng/ul	98
93) Benzo(a)pyrene	23.880	252	2379672	21.644	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.545	276	2763562	20.746	ng/ul	99
95) Dibenzo(a,h)anthracene	26.562	278	2265858	20.603	ng/ul	98
96) Benzo(g,h,i)perylene	27.327	276	2169915	20.074	ng/ul	99

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

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