Quantitation Report (Qedit)

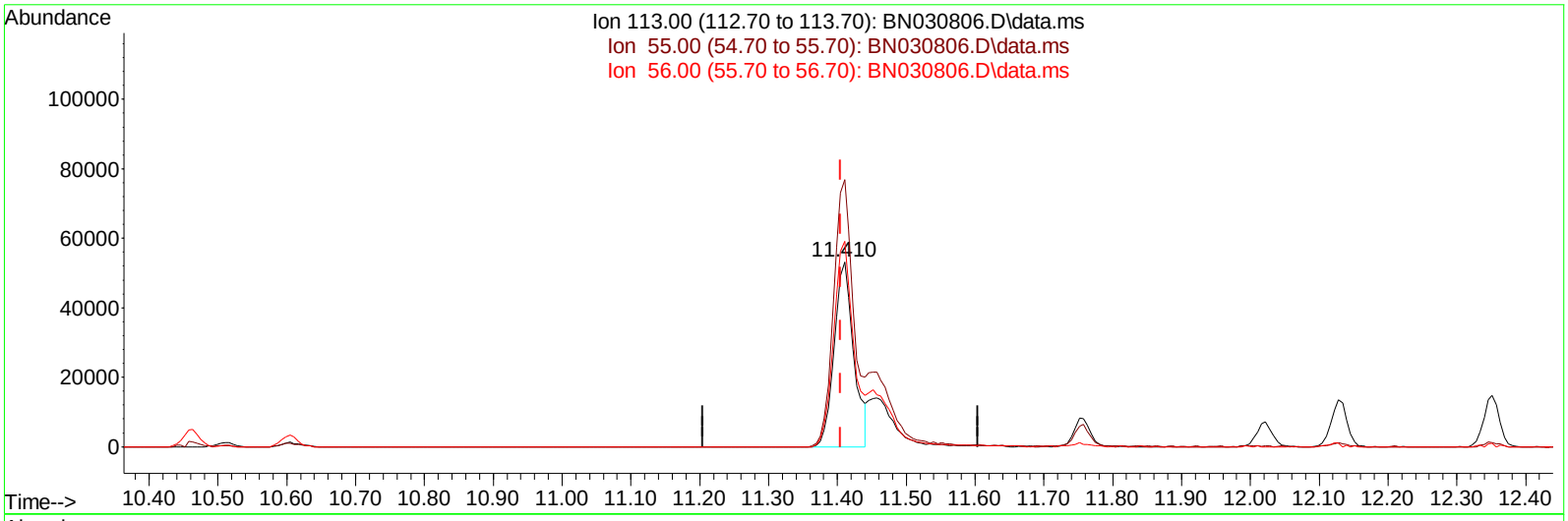
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040924\
Data File : BN030806.D
Acq On : 10 Apr 2024 01:48
Operator : MA/JU
Sample : PB160094BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

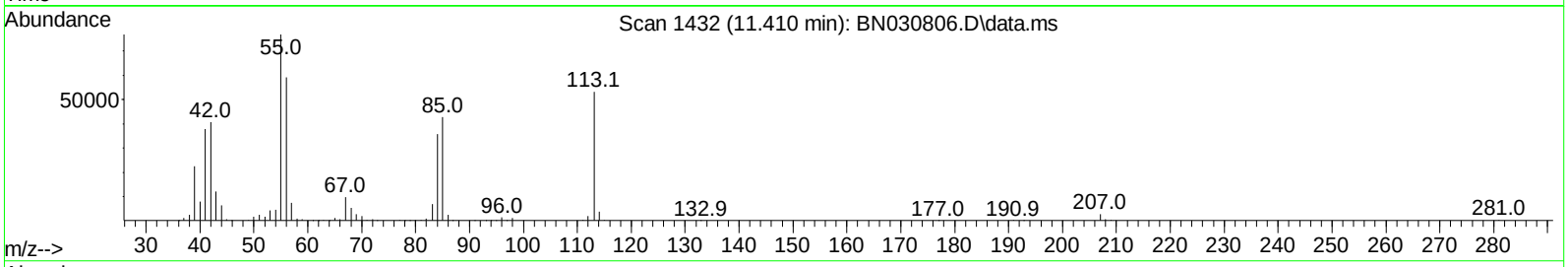
Quant Time: Apr 10 02:16:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 09 12:10:11 2024
Response via : Initial Calibration

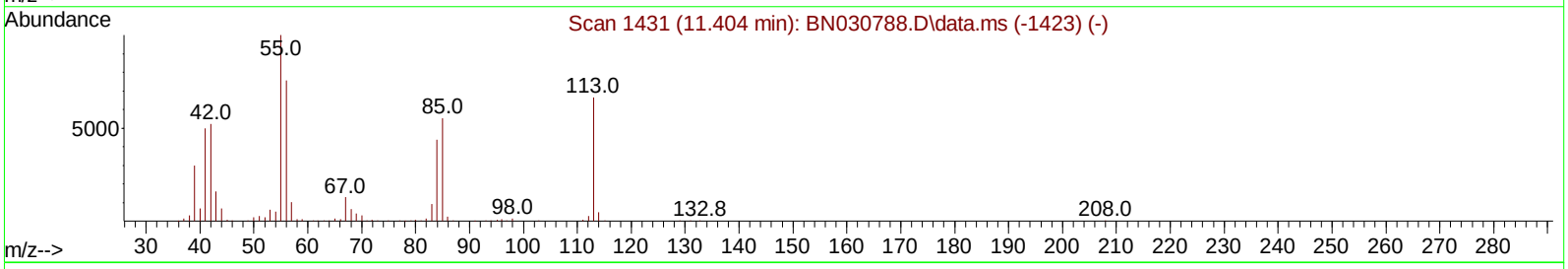
Instrument :
BNA_N
ClientSampleId :
SLCS094

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024







TIC: BN030806.D\data.ms

(34) Caprolactam

11.410min (+ 0.006) 24.97 ng/ul

response 104051

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	144.32
56.00	113.20	111.08
0.00	0.00	0.00

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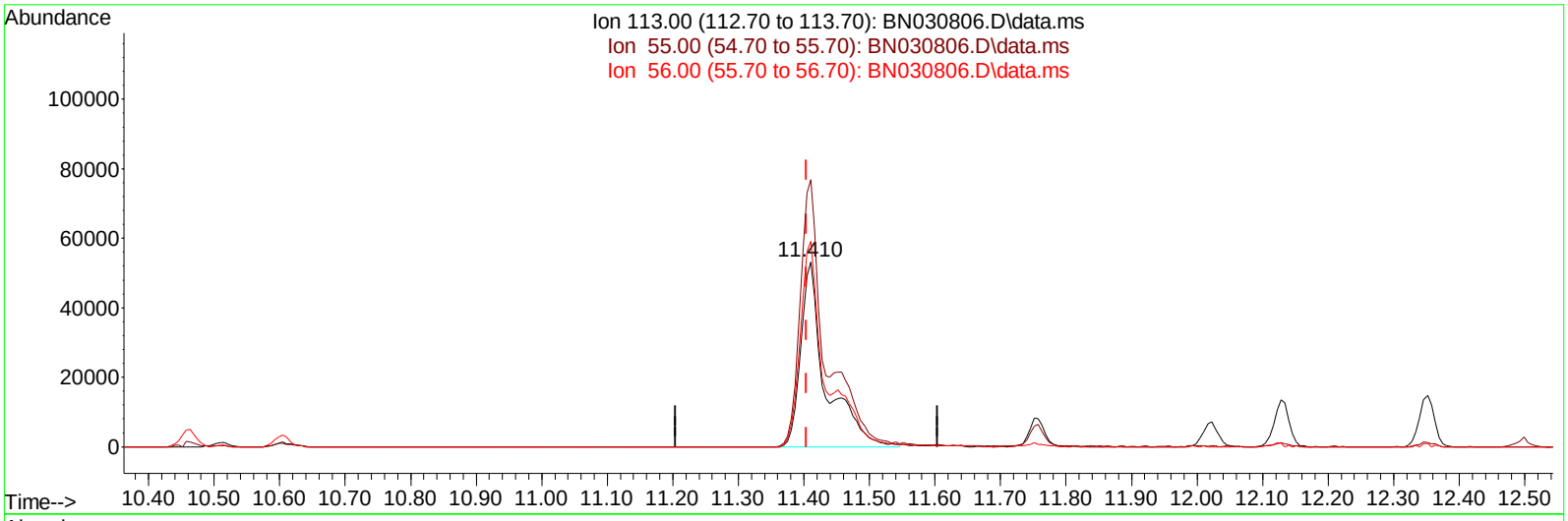

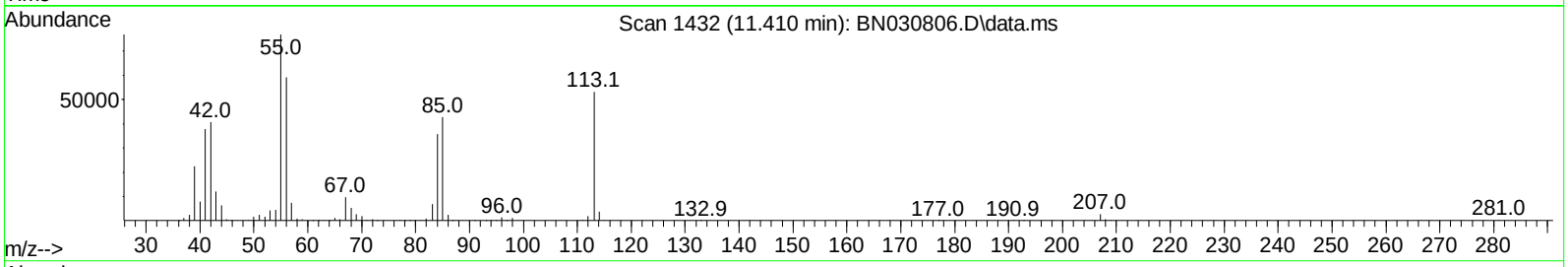

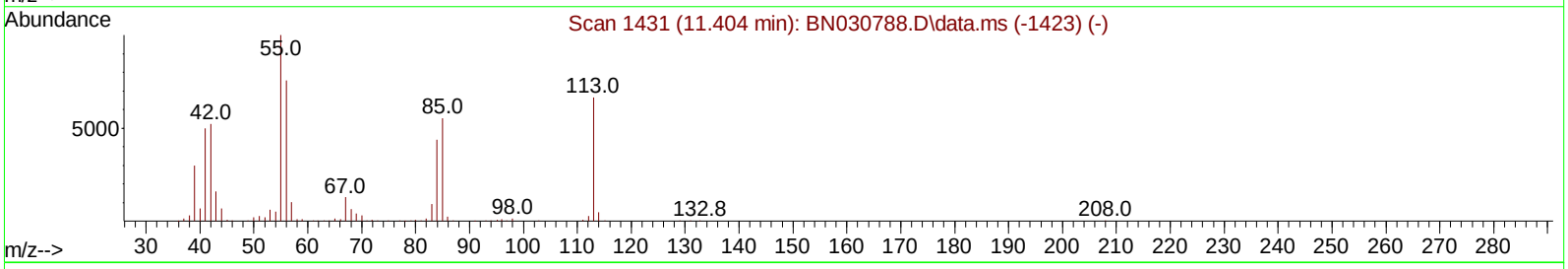

TIC: BN030806.D\data.ms

(34) Caprolactam

11.410min (+ 0.006) 33.75 ng/ul m

response 140619

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	144.32
56.00	113.20	111.08
0.00	0.00	0.00

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Misc :
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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	7.681	152	167803	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	786505	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	549914	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	1201620	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1224789	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1317401	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	27697	7.739	ng/uL	0.00
4) Pyridine-d5	3.593	84	333582	31.086	ng/ul	0.00
7) Phenol-d5	6.852	99	448116	33.012	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	264233	31.515	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	358335	34.798	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	368300	32.373	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	183592	33.650	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	188750	37.817	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	379039	34.689	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	530371	29.483	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1245821	33.932	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	1426134	33.783	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	246002	35.028	ng/ul	0.00
60) Fluorene-d10	15.316	176	1095189	34.087	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	185669	35.006	ng/ul	0.00
73) Anthracene-d10	17.169	188	1734443	33.501	ng/ul	0.00
81) Pyrene-d10	19.469	212	2106811	31.994	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	2105974	34.693	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	38117	9.942	ng/uL	94
5) Pyridine	3.611	79	323906	29.914	ng/ul	99
6) Benzaldehyde	6.828	77	254454	40.252	ng/ul	100
8) Phenol	6.875	94	461704	32.650	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.111	93	356124	30.882	ng/ul	99
12) 2-Chlorophenol	7.246	128	369299	33.431	ng/ul	96
13) 2-Methylphenol	8.122	108	347636	31.902	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.199	45	470766	28.992	ng/ul	98
16) Acetophenone	8.499	105	570793	31.777	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.487	70	285100	31.514	ng/ul	97
18) 4-Methylphenol	8.446	108	397699	32.601	ng/ul	96
19) Hexachloroethane	8.746	117	143067	30.891	ng/ul	99
22) Nitrobenzene	8.875	77	418327	31.409	ng/ul	99
23) Isophorone	9.399	82	829782	31.240	ng/ul	100
25) 2-Nitrophenol	9.581	139	212088	36.156	ng/ul	98
26) 2,4-Dimethylphenol	9.646	107	388632	29.809	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.887	93	515241	30.510	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	371280	33.289	ng/ul	95
30) Naphthalene	10.510	128	1250127	30.991	ng/ul	100
32) 4-Chloroaniline	10.628	127	500703	28.881	ng/ul	97
33) Hexachlorobutadiene	10.793	225	212989	30.339	ng/ul	99
34) Caprolactam	11.410	113	140619m	33.749	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	429813	34.216	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.128	142	900832	31.977	ng/ul	99
37) 1-Methylnaphthalene	12.351	142	919171	32.142	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.499	216	459152	32.354	ng/ul	99
40) Hexachlorocyclopentadiene	12.475	237	207694	25.770	ng/ul	93
41) 2,4,6-Trichlorophenol	12.746	196	306237	34.532	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	348208	34.768	ng/ul	93
43) 1,1'-Biphenyl	13.151	154	1207142	32.206	ng/ul	98
44) 2-Chloronaphthalene	13.193	162	937325	31.767	ng/ul	99
45) 2-Nitroaniline	13.404	65	278386	35.453	ng/ul	99
47) Dimethylphthalate	13.787	163	1222104	32.223	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	247873	35.250	ng/ul	99
50) Acenaphthylene	14.046	152	1561797	32.020	ng/ul	100
51) 3-Nitroaniline	14.240	138	288356	38.634	ng/ul	99
52) Acenaphthene	14.387	153	1027603	31.615	ng/ul	99
53) 2,4-Dinitrophenol	14.440	184	111609	34.556	ng/ul	98
55) 4-Nitrophenol	14.545	109	191282	34.378	ng/ul	97
56) Dibenzofuran	14.722	168	1437663	31.819	ng/ul	96
57) 2,4-Dinitrotoluene	14.693	165	381524	37.163	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.951	232	302854	36.410	ng/ul	98
59) Diethylphthalate	15.157	149	1256846	32.620	ng/ul	99
61) Fluorene	15.375	166	1170127	32.582	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	546166	30.998	ng/ul	98
63) 4-Nitroaniline	15.404	138	317172	43.711	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.457	198	203486	35.706	ng/ul	97
67) N-Nitrosodiphenylamine	15.587	169	1068714	32.658	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	365591	32.040	ng/ul	97
69) Hexachlorobenzene	16.369	284	421754	31.390	ng/ul	95
70) Atrazine	16.545	200	365496	32.224	ng/ul	98
71) Pentachlorophenol	16.716	266	269469	34.016	ng/ul	96
72) Phenanthrene	17.116	178	2004422	32.468	ng/ul	99
74) Anthracene	17.204	178	2019152	32.353	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	461082	31.234	ng/uL	99
76) Pentachlorobenzene	14.640	250	462657	30.855	ng/uL	92
77) Carbazole	17.481	167	1936624	35.384	ng/ul	100
78) Di-n-butylphthalate	18.045	149	2327540	34.860	ng/ul	100
80) Fluoranthene	19.133	202	2401656	30.681	ng/ul	97
82) Pyrene	19.504	202	2620950	31.703	ng/ul	97
83) Butylbenzylphthalate	20.410	149	1098343	34.790	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.222	252	756068	33.596	ng/ul	97
85) Benzo(a)anthracene	21.292	228	2584935	31.624	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	1559611	33.498	ng/ul	98
87) Chrysene	21.351	228	2494022	32.326	ng/ul	100
89) Di-n-octyl phthalate	22.333	149	2828832	33.908	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	2548008	32.864	ng/ul	98
91) Benzo(k)fluoranthene	23.380	252	2553583	32.432	ng/ul	97
93) Benzo(a)pyrene	24.104	252	2193139	29.945	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.533	276	2734413	34.538	ng/ul	99
95) Dibenzo(a,h)anthracene	27.598	278	2270958	34.073	ng/ul	99
96) Benzo(g,h,i)perylene	28.562	276	2067007	33.257	ng/ul	98

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

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