Quantitation Report (Qedit)

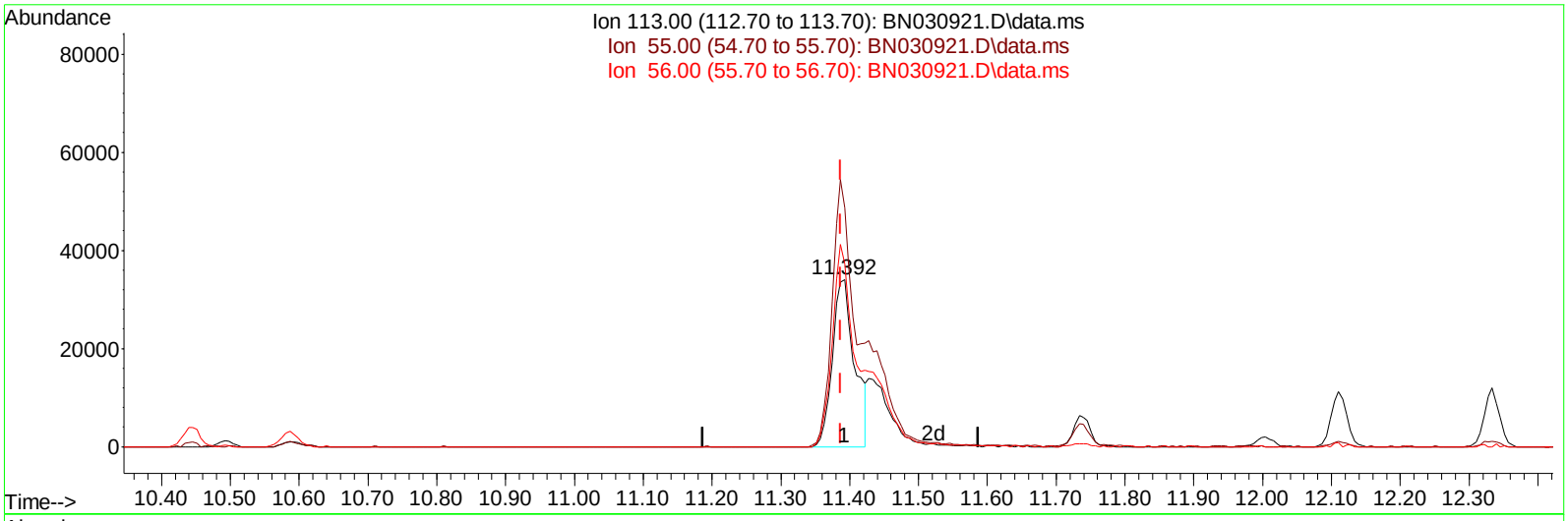
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
Data File : BN030921.D
Acq On : 14 Apr 2024 18:56
Operator : MA/JU
Sample : PB160204BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

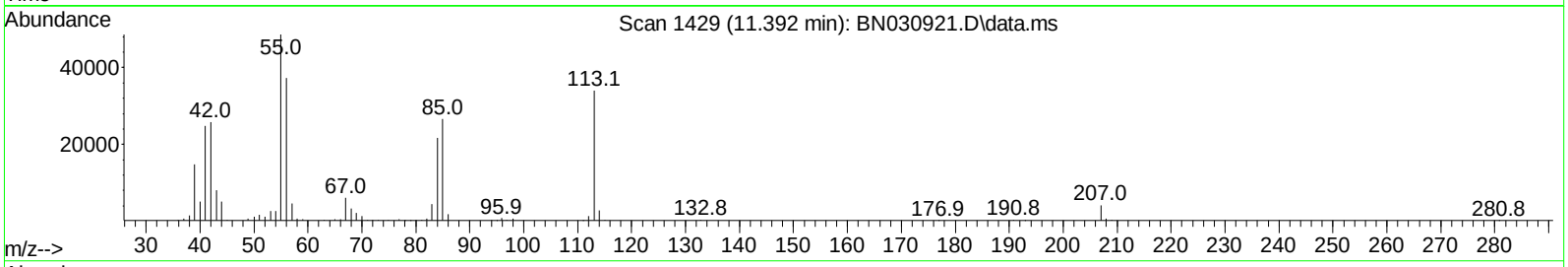
Quant Time: Apr 14 22:24:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Apr 14 22:12:55 2024
Response via : Initial Calibration

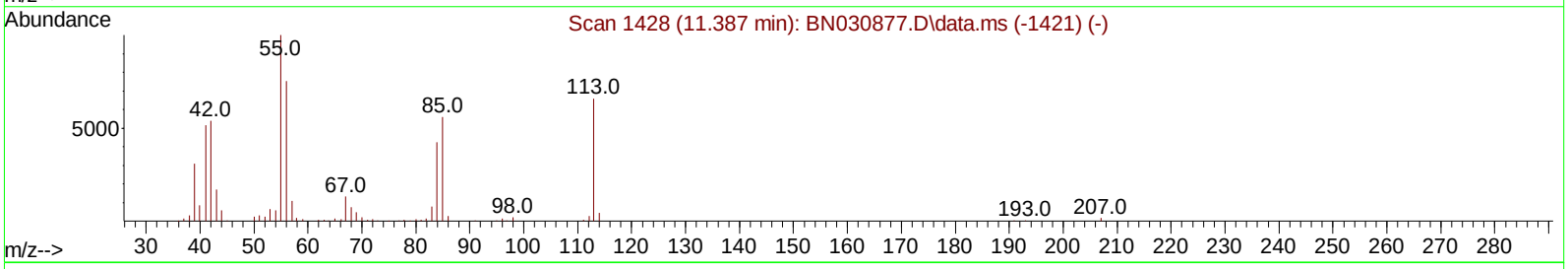
Instrument :
BNA_N
ClientSampleId :
SLCS204

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024







TIC: BN030921.D\data.ms

(34) Caprolactam

11.392min (+ 0.006) 22.84 ng/ul

response 75896

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	142.65
56.00	113.20	109.41
0.00	0.00	0.00

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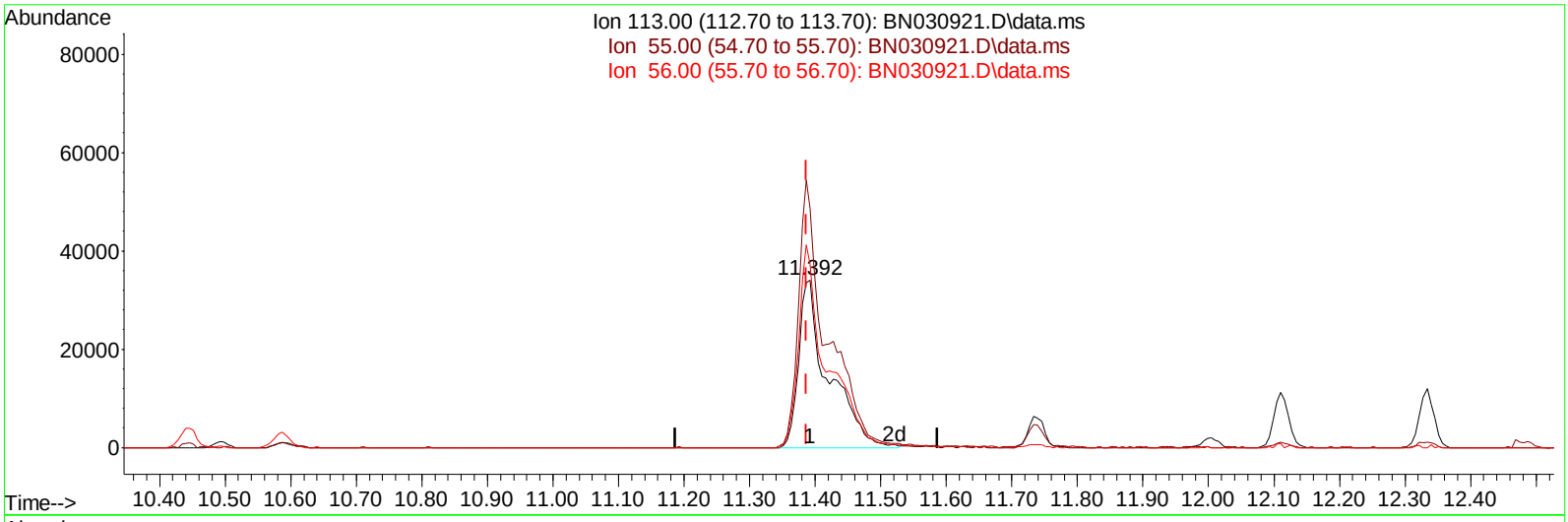

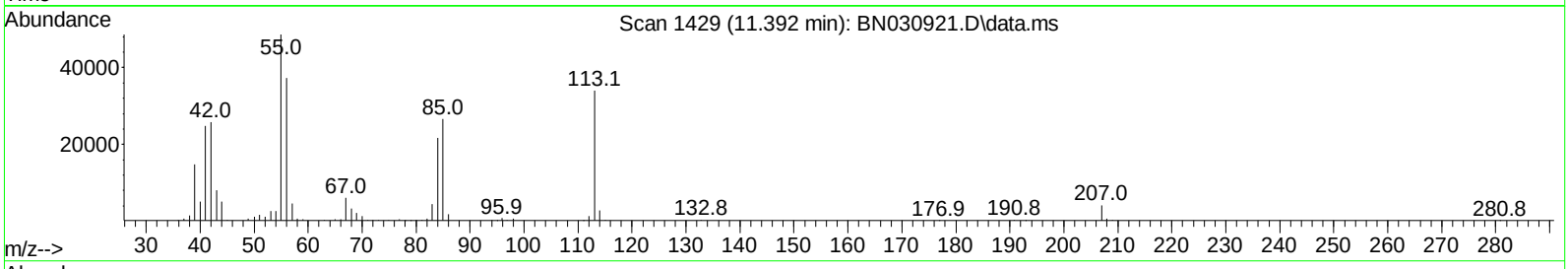

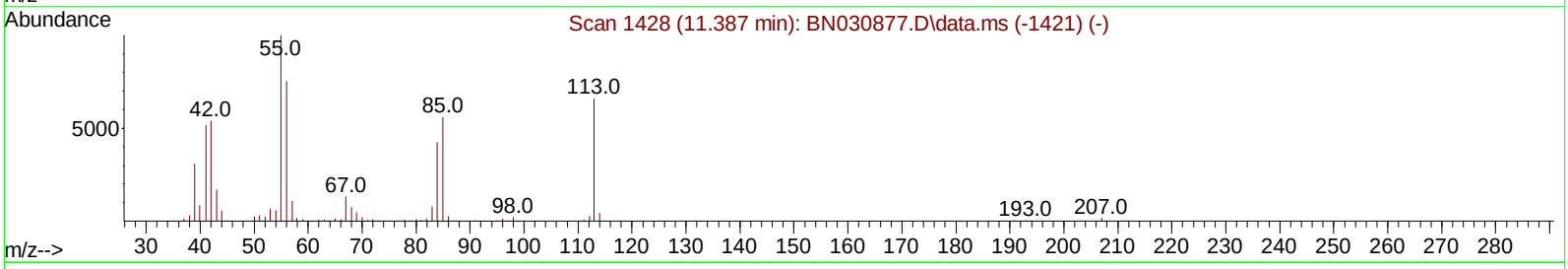

TIC: BN030921.D\data.ms

(34) Caprolactam

11.392min (+ 0.006) 32.40 ng/ul m

response 107636

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	142.65
56.00	113.20	109.41
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB160204BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Apr 15 00:16:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Apr 14 22:12:55 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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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	7.663	152	139215	20.000	ng/ul	0.00
20) Naphthalene-d8	10.445	136	627177	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	436682	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	994819	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1099771	20.000	ng/ul	0.00
88) Perylene-d12	24.215	264	1175118	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	22620	7.618	ng/uL	0.00
4) Pyridine-d5	3.581	84	295871	33.234	ng/ul	0.00
7) Phenol-d5	6.834	99	389633	34.598	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	220090	31.641	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	304892	35.688	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	308818	32.719	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	152440	35.038	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	153407	38.544	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	313933	36.029	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	506697	35.323	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	977318	33.521	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	1191879	35.555	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	212733	38.146	ng/ul	0.00
60) Fluorene-d10	15.304	176	911394	35.722	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	149712	34.095	ng/ul	0.00
73) Anthracene-d10	17.157	188	1485329	34.653	ng/ul	0.00
81) Pyrene-d10	19.457	212	1903258	32.189	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	2024818	37.395	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	34237	10.764	ng/uL	94
5) Pyridine	3.599	79	288529	32.118	ng/ul	97
6) Benzaldehyde	6.816	77	202460	38.604	ng/ul	96
8) Phenol	6.863	94	394403	33.618	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.099	93	292795	30.605	ng/ul	100
12) 2-Chlorophenol	7.228	128	316488	34.534	ng/ul	96
13) 2-Methylphenol	8.104	108	286795	31.723	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.187	45	382762	28.413	ng/ul	98
16) Acetophenone	8.487	105	466014	31.271	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.469	70	220335	29.356	ng/ul	96
18) 4-Methylphenol	8.434	108	325032	32.116	ng/ul	98
19) Hexachloroethane	8.728	117	123812	32.223	ng/ul	96
22) Nitrobenzene	8.863	77	342729	32.270	ng/ul	97
23) Isophorone	9.381	82	632581	29.866	ng/ul	100
25) 2-Nitrophenol	9.569	139	174615	37.330	ng/ul	95
26) 2,4-Dimethylphenol	9.628	107	297245	28.591	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.869	93	409442	30.404	ng/ul	100
29) 2,4-Dichlorophenol	10.093	162	308823	34.724	ng/ul	99
30) Naphthalene	10.493	128	1055547	32.815	ng/ul	100
32) 4-Chloroaniline	10.610	127	459109	33.210	ng/ul	99
33) Hexachlorobutadiene	10.775	225	181958	32.503	ng/ul	95
34) Caprolactam	11.392	113	107636m	32.396	ng/ul	
35) 4-Chloro-3-methylphenol	11.740	107	344649	34.406	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	738256	32.864	ng/ul	97
37) 1-Methylnaphthalene	12.334	142	753852	33.058	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	372608	33.064	ng/ul	96
40) Hexachlorocyclopentadiene	12.457	237	136595	21.343	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	242681	34.461	ng/ul	95
42) 2,4,5-Trichlorophenol	12.798	196	275531	34.645	ng/ul	94
43) 1,1'-Biphenyl	13.139	154	979963	32.924	ng/ul	100
44) 2-Chloronaphthalene	13.175	162	768880	32.815	ng/ul	98
45) 2-Nitroaniline	13.392	65	219121	35.141	ng/ul	96
47) Dimethylphthalate	13.769	163	967102	32.111	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	189533	33.943	ng/ul	95
50) Acenaphthylene	14.028	152	1295743	33.454	ng/ul	100
51) 3-Nitroaniline	14.222	138	225652	38.073	ng/ul	99
52) Acenaphthene	14.369	153	835645	32.376	ng/ul	99
53) 2,4-Dinitrophenol	14.428	184	83261	32.464	ng/ul	98
55) 4-Nitrophenol	14.534	109	161242	36.494	ng/ul	96
56) Dibenzofuran	14.710	168	1213776	33.830	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	301110	36.935	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.933	232	243183	36.818	ng/ul	98
59) Diethylphthalate	15.145	149	999804	32.677	ng/ul	99
61) Fluorene	15.363	166	980085	34.367	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	460317	32.900	ng/ul	98
63) 4-Nitroaniline	15.392	138	263434	45.719	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.439	198	158804	33.658	ng/ul	99
67) N-Nitrosodiphenylamine	15.575	169	871434	32.165	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	297999	31.546	ng/ul	96
69) Hexachlorobenzene	16.357	284	345173	31.031	ng/ul	98
70) Atrazine	16.533	200	297074	31.636	ng/ul	99
71) Pentachlorophenol	16.704	266	229842	35.045	ng/ul	98
72) Phenanthrene	17.098	178	1718362	33.620	ng/ul	100
74) Anthracene	17.192	178	1721320	33.314	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	377696	30.904	ng/uL	98
76) Pentachlorobenzene	14.622	250	383584	30.899	ng/uL	95
77) Carbazole	17.469	167	1669892	36.853	ng/ul	99
78) Di-n-butylphthalate	18.033	149	1950568	35.287	ng/ul	100
80) Fluoranthene	19.122	202	2180899	31.028	ng/ul	97
82) Pyrene	19.486	202	2340049	31.523	ng/ul	98
83) Butylbenzylphthalate	20.398	149	984875	34.742	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.210	252	725855	35.919	ng/ul	98
85) Benzo(a)anthracene	21.280	228	2442419	33.277	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	1359445	32.518	ng/ul	98
87) Chrysene	21.339	228	2352967	33.964	ng/ul	98
89) Di-n-octyl phthalate	22.315	149	2453380	32.968	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	2395109	34.633	ng/ul	96
91) Benzo(k)fluoranthene	23.351	252	2475755	35.250	ng/ul	100
93) Benzo(a)pyrene	24.080	252	2026123	31.014	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.498	276	2589471	36.668	ng/ul	99
95) Dibenzo(a,h)anthracene	27.556	278	2076126	34.922	ng/ul	97
96) Benzo(g,h,i)perylene	28.521	276	1930283	34.817	ng/ul	99

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

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