Quantitation Report (Qedit)

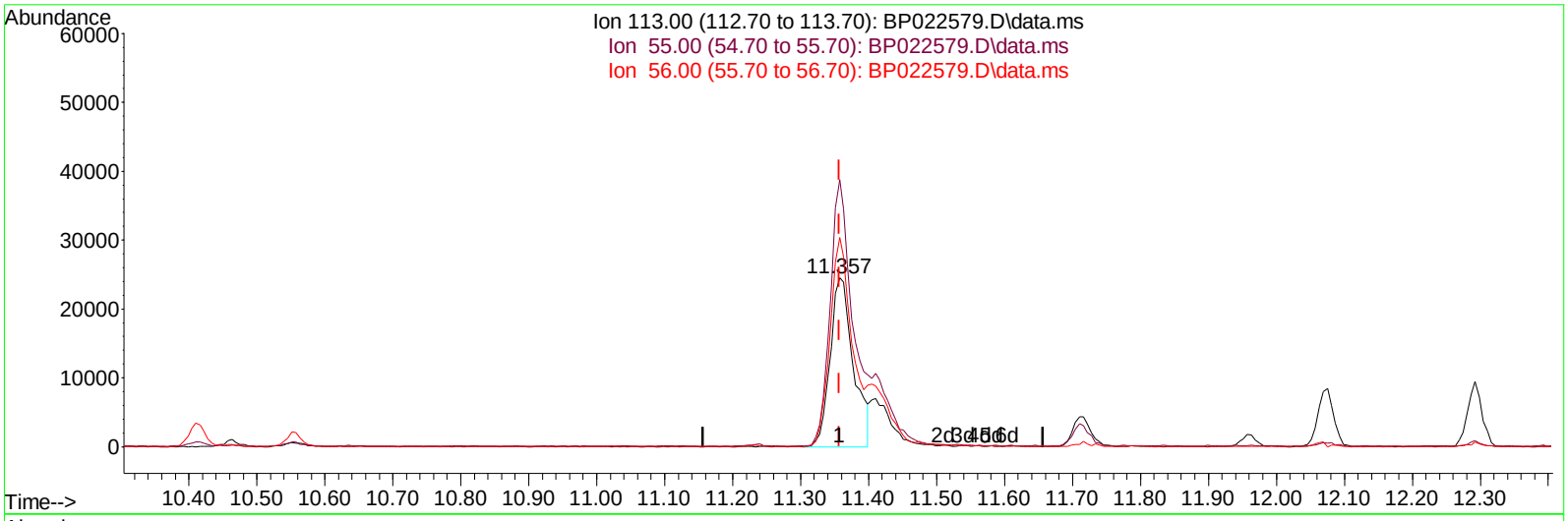
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022579.D
Acq On : 24 Oct 2024 01:41
Operator : RC/JU
Sample : PB164327BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

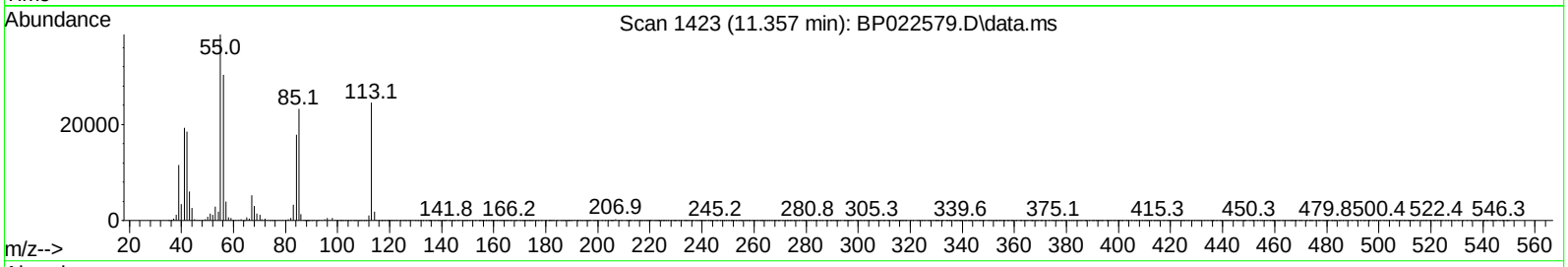
Quant Time: Oct 24 02:18:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

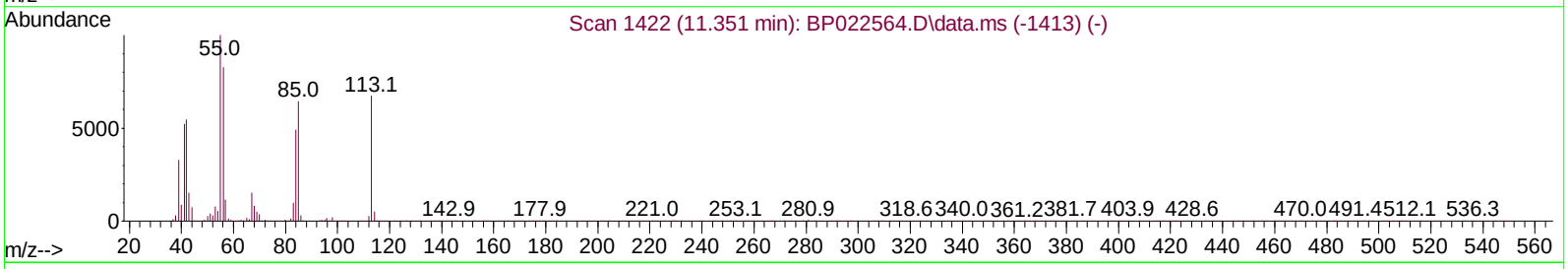
Instrument :
BNA_P
ClientSampleId :
SLCS327

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024







TIC: BP022579.D\data.ms

(34) Caprolactam

11.357min (+ 0.000) 21.36 ng/ul

response 58264

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	158.13
56.00	130.00	124.09
0.00	0.00	0.00

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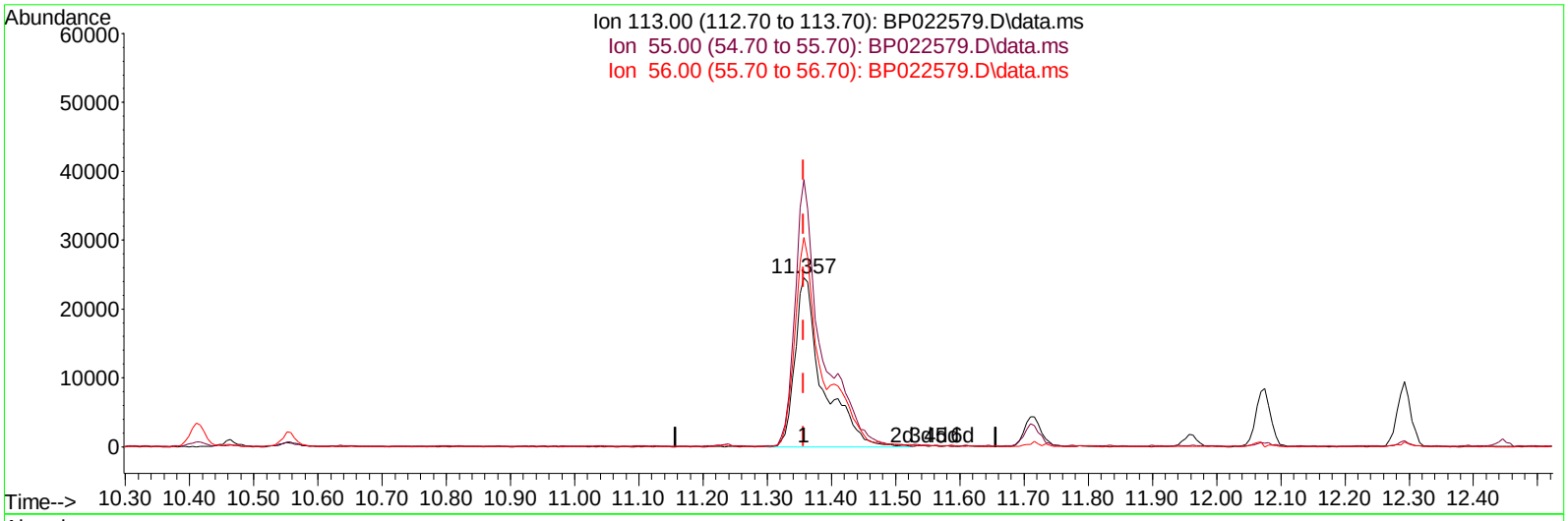

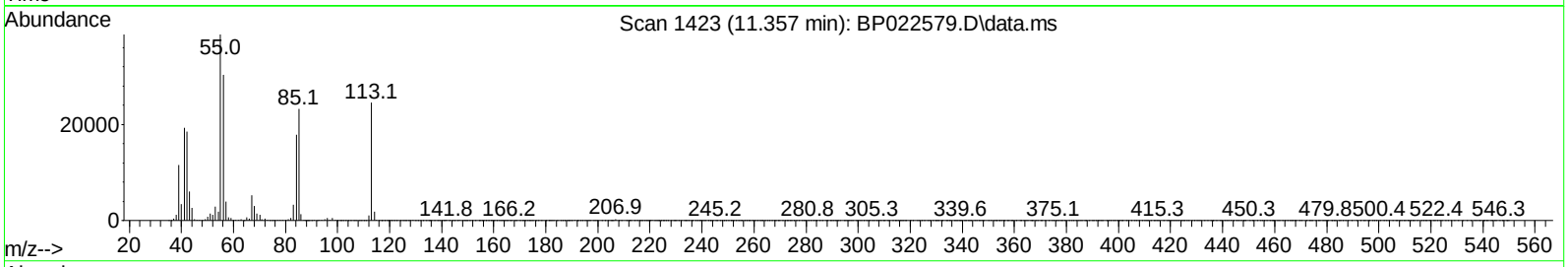

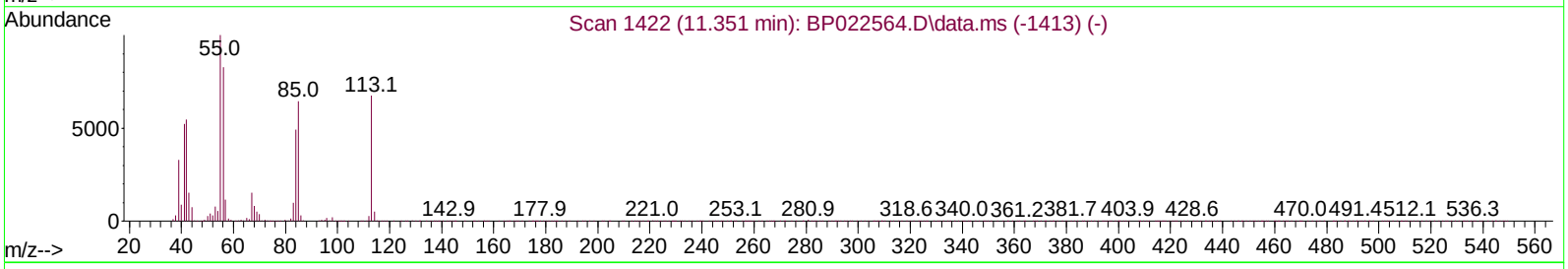

TIC: BP022579.D\data.ms

(34) Caprolactam

11.357min (+ 0.000) 27.00 ng/ul m

response 73628

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	158.13
56.00	130.00	124.09
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	7.658	152	107845	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	454052	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	374720	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	932836	20.000	ng/ul	0.00
79) Chrysene-d12	21.510	240	892178	20.000	ng/ul	0.01
88) Perylene-d12	24.780	264	1005979	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	11819	4.259	ng/uL	0.00
4) Pyridine-d5	3.605	84	172150	22.596	ng/ul	0.00
7) Phenol-d5	6.852	99	255608	28.157	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	135468	25.390	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	183219	28.443	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	210274	29.024	ng/ul	0.00
21) Nitrobenzene-d5	8.799	128	93301	26.725	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	108643	26.879	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	238313	27.741	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	253487	24.972	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	755029	25.360	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	824034	26.059	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	128009	25.629	ng/ul	0.01
60) Fluorene-d10	15.287	176	672767	26.052	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	128293	20.911	ng/ul	0.00
73) Anthracene-d10	17.181	188	1137761	25.927	ng/ul	0.01
81) Pyrene-d10	19.557	212	1347407	28.559	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.557	264	1414370	26.326	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	24597	8.243	ng/uL	97
5) Pyridine	3.622	79	173752	22.242	ng/ul	97
6) Benzaldehyde	6.816	77	29330	5.979	ng/ul	93
8) Phenol	6.875	94	263737	27.924	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.093	93	185677	26.268	ng/ul	98
12) 2-Chlorophenol	7.234	128	191293	28.718	ng/ul	96
13) 2-Methylphenol	8.105	108	193330	28.205	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.169	45	212668	25.887	ng/ul	99
16) Acetophenone	8.469	105	316078	26.427	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.452	70	164723	27.183	ng/ul	96
18) 4-Methylphenol	8.428	108	215955	28.400	ng/ul	94
19) Hexachloroethane	8.716	117	78324	25.248	ng/ul	97
22) Nitrobenzene	8.840	77	252644	24.244	ng/ul	96
23) Isophorone	9.363	82	475550	25.451	ng/ul	99
25) 2-Nitrophenol	9.546	139	114268	26.232	ng/ul	93
26) 2,4-Dimethylphenol	9.604	107	241451	25.501	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.834	93	266556	25.125	ng/ul	98
29) 2,4-Dichlorophenol	10.075	162	235205	27.803	ng/ul	97
30) Naphthalene	10.463	128	611455	25.283	ng/ul	98
32) 4-Chloroaniline	10.575	127	191175	19.079	ng/ul	99
33) Hexachlorobutadiene	10.740	225	171963	24.118	ng/ul	99
34) Caprolactam	11.357	113	73628m	26.996	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	258096	27.962	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.075	142	463941	26.134	ng/ul	97
37) 1-Methylnaphthalene	12.293	142	461625	25.477	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.451	216	341319	24.634	ng/ul	95
40) Hexachlorocyclopentadiene	12.422	237	94594	11.206	ng/ul	98
41) 2,4,6-Trichlorophenol	12.693	196	230156	26.408	ng/ul	99
42) 2,4,5-Trichlorophenol	12.775	196	254064	27.377	ng/ul	97
43) 1,1'-Biphenyl	13.093	154	672156	24.886	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	554033	25.058	ng/ul	97
45) 2-Nitroaniline	13.345	65	168802	25.568	ng/ul	92
47) Dimethylphthalate	13.722	163	743860	25.074	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	158407	28.230	ng/ul	95
50) Acenaphthylene	13.992	152	838104	25.538	ng/ul	99
51) 3-Nitroaniline	14.192	138	140679	26.693	ng/ul	95
52) Acenaphthene	14.340	153	586703	25.281	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	78850	19.099	ng/ul	98
55) 4-Nitrophenol	14.528	109	135960	24.526	ng/ul	99
56) Dibenzofuran	14.681	168	892872	25.613	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	243537	27.930	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.922	232	232639	26.858	ng/ul	98
59) Diethylphthalate	15.110	149	742203	26.077	ng/ul	100
61) Fluorene	15.339	166	726239	25.569	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.339	204	411543	25.337	ng/ul	98
63) 4-Nitroaniline	15.369	138	158390	29.866	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.434	198	134090	20.291	ng/ul	97
67) N-Nitrosodiphenylamine	15.563	169	638328	25.553	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	293414	26.083	ng/ul	97
69) Hexachlorobenzene	16.369	284	358982	25.925	ng/ul	99
70) Atrazine	16.539	200	272886	26.280	ng/ul	94
71) Pentachlorophenol	16.728	266	228783	25.697	ng/ul	98
72) Phenanthrene	17.116	178	1258629	25.219	ng/ul	100
74) Anthracene	17.216	178	1257475	25.248	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	343917	24.213	ng/uL	97
76) Pentachlorobenzene	14.610	250	385700	24.564	ng/uL	99
77) Carbazole	17.498	167	1113022	25.256	ng/ul	99
78) Di-n-butylphthalate	18.081	149	1267841	26.001	ng/ul	99
80) Fluoranthene	19.210	202	1609820	29.680	ng/ul	99
82) Pyrene	19.586	202	1666668	28.670	ng/ul	100
83) Butylbenzylphthalate	20.545	149	591269	29.213	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.416	252	492828	23.173	ng/ul	97
85) Benzo(a)anthracene	21.492	228	1632224	26.097	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	814839	28.047	ng/ul	99
87) Chrysene	21.557	228	1507018	25.986	ng/ul	100
89) Di-n-octyl phthalate	22.674	149	1379486	28.829	ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	1648190	26.028	ng/ul	99
91) Benzo(k)fluoranthene	23.821	252	1621654	26.157	ng/ul	100
93) Benzo(a)pyrene	24.615	252	1496331	25.675	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.492	276	1992813	25.624	ng/ul	97
95) Dibenzo(a,h)anthracene	28.556	278	1600474	25.414	ng/ul	99
96) Benzo(g,h,i)perylene	29.639	276	1536599	25.402	ng/ul	99

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

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