Quantitation Report (Qedit)

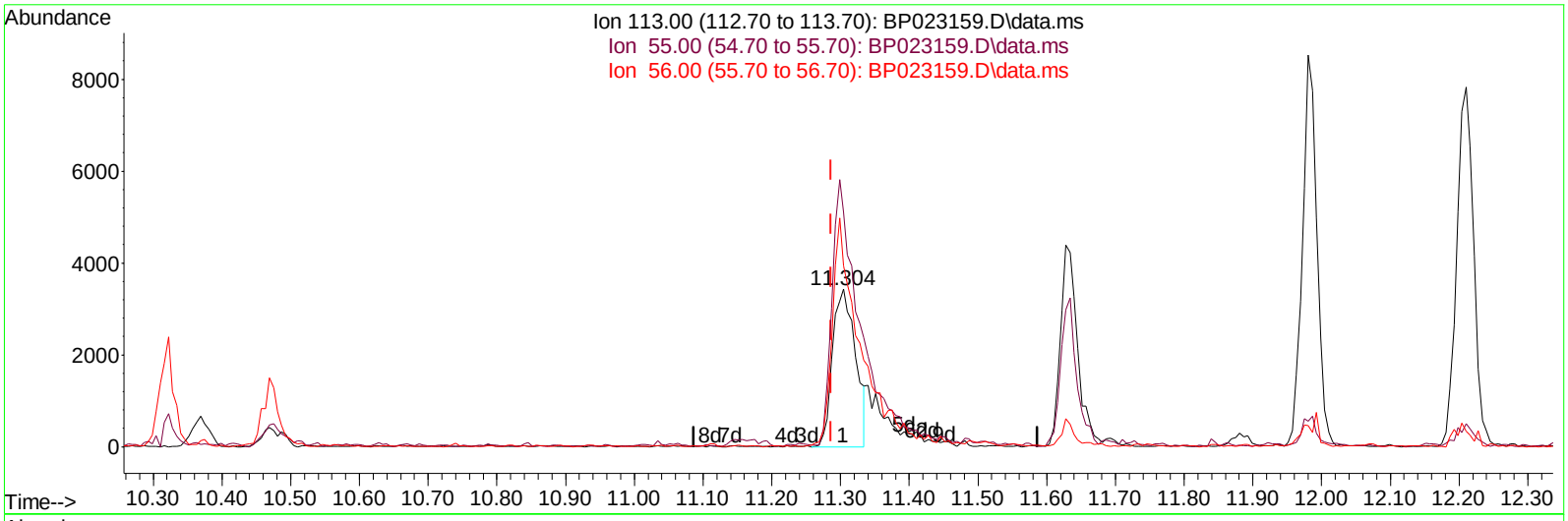
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023159.D
Acq On : 16 Nov 2024 05:04
Operator : RC/JU
Sample : P4784-14MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

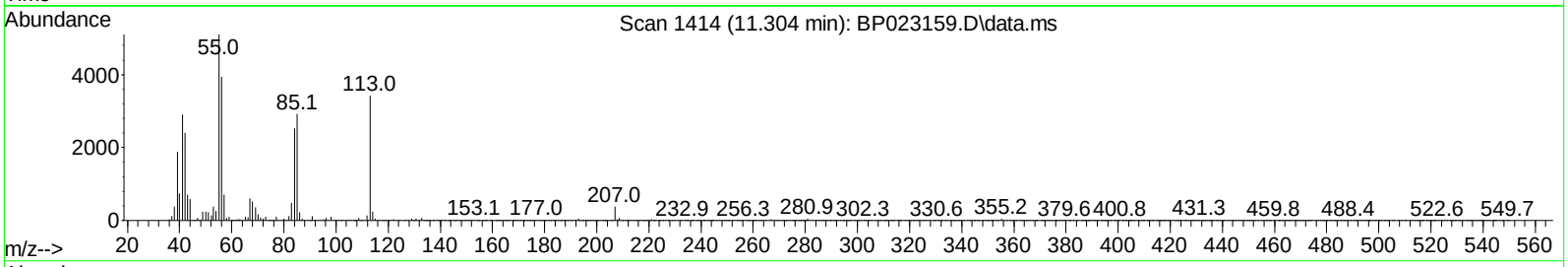
Quant Time: Nov 16 05:33:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

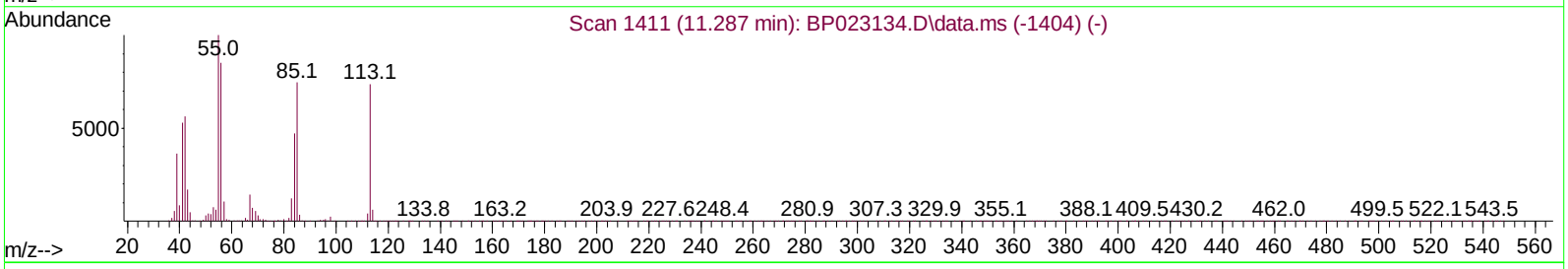
Instrument :
BNA_P
ClientSampleId :
E27P5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024







TIC: BP023159.D\data.ms

(34) Caprolactam

11.304min (+ 0.018) 5.77 ng/ul

response 8000

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	148.77
56.00	124.80	115.11
0.00	0.00	0.00

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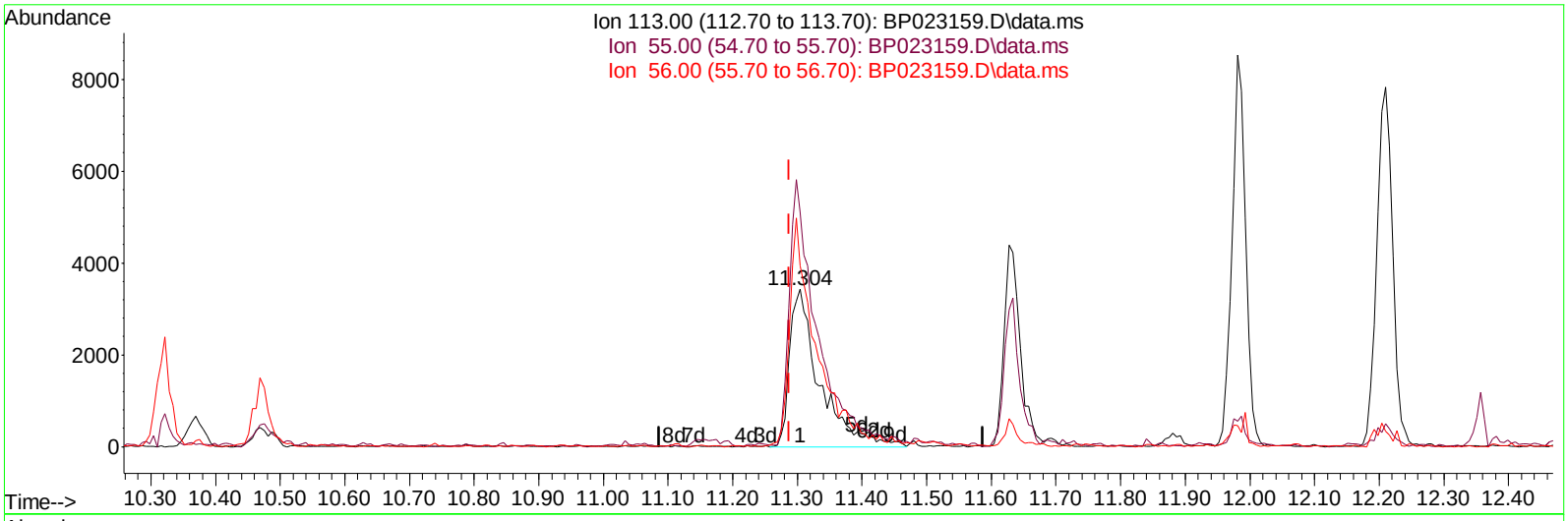

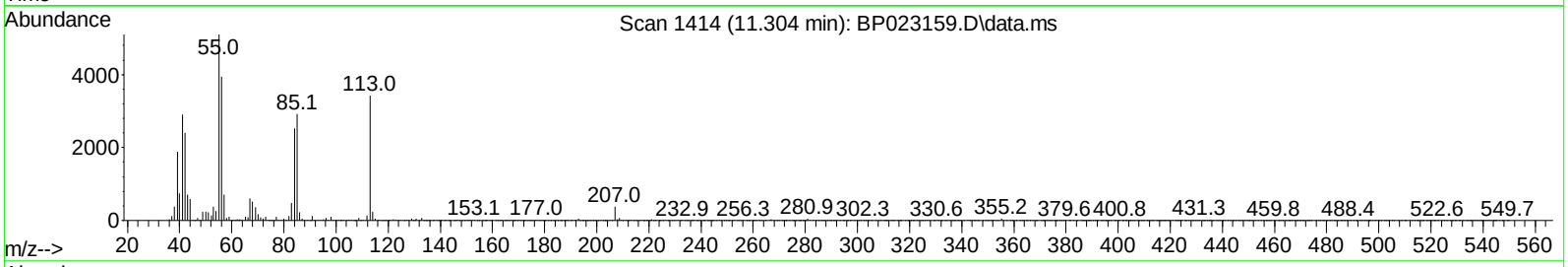

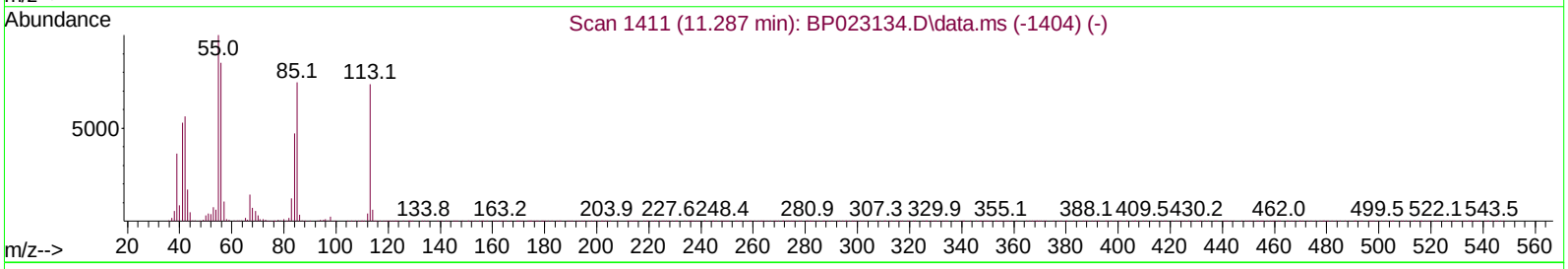

TIC: BP023159.D\data.ms

(34) Caprolactam

11.304min (+ 0.018) 8.00 ng/ul m

response 11102

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	148.77
56.00	124.80	115.11
0.00	0.00	0.00

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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	7.569	152	70185	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.322	136	270916	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.192	164	227276	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.004	188	585290	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.439	240	633092	20.000	ng/ul	0.00
88) Perylene-d12	24.657	264	716555	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	8632	5.912	ng/uL	0.00
4) Pyridine-d5	3.552	84	35690	8.227	ng/ul	0.00
7) Phenol-d5	6.775	99	84053	16.198	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	116485	38.209	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.116	132	140850	37.063	ng/ul	-0.01
15) 4-Methylphenol-d8	8.281	113	137432	32.185	ng/ul	-0.01
21) Nitrobenzene-d5	8.710	128	79614	42.212	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.422	143	96785	43.044	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.963	165	204690	43.470	ng/ul	0.00
31) 4-Chloroaniline-d4	10.469	131	176135	31.354	ng/ul	-0.01
46) Dimethylphthalate-d6	13.598	166	778848	47.547	ng/ul	-0.01
49) Acenaphthylene-d8	13.881	160	736077	43.066	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.457	143	33990	13.808	ng/ul	0.00
60) Fluorene-d10	15.210	176	677013	47.141	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	167839	47.870	ng/ul	0.00
73) Anthracene-d10	17.098	188	1225358	49.446	ng/ul	-0.02
81) Pyrene-d10	19.498	212	1551207	53.195	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.433	264	1770771	51.880	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	10493	6.219	ng/uL	88
5) Pyridine	3.569	79	40073	9.198	ng/ul	99
6) Benzaldehyde	6.740	77	134374	45.001	ng/ul	98
8) Phenol	6.799	94	89269	16.475	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.010	93	154045	37.832	ng/ul	97
12) 2-Chlorophenol	7.146	128	140874	35.705	ng/ul	97
13) 2-Methylphenol	8.022	108	136069	33.641	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.081	45	173996	37.748	ng/ul	97
16) Acetophenone	8.387	105	275204	38.354	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.363	70	144172	40.240	ng/ul	98
18) 4-Methylphenol	8.346	108	142030	31.792	ng/ul	100
19) Hexachloroethane	8.622	117	55411	29.039	ng/ul	98
22) Nitrobenzene	8.752	77	218622	40.397	ng/ul	98
23) Isophorone	9.275	82	412737	42.652	ng/ul	98
25) 2-Nitrophenol	9.457	139	97181	40.948	ng/ul	94
26) 2,4-Dimethylphenol	9.522	107	181368	35.390	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.746	93	222359	41.763	ng/ul	99
29) 2,4-Dichlorophenol	9.993	162	192811	41.339	ng/ul	98
30) Naphthalene	10.369	128	493921	37.527	ng/ul	98
32) 4-Chloroaniline	10.499	127	164578	30.240	ng/ul	97
33) Hexachlorobutadiene	10.646	225	135993	32.224	ng/ul	98
34) Caprolactam	11.304	113	11102m	8.003	ng/ul	
35) 4-Chloro-3-methylphenol	11.634	107	232094	46.256	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.981	142	399315	40.187	ng/ul	98
37) 1-Methylnaphthalene	12.210	142	398842	39.264	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.357	216	303141	39.508	ng/ul	95
40) Hexachlorocyclopentadiene	12.328	237	107144	26.586	ng/ul	100
41) 2,4,6-Trichlorophenol	12.622	196	205798	44.047	ng/ul	98
42) 2,4,5-Trichlorophenol	12.704	196	239496	47.548	ng/ul	97
43) 1,1'-Biphenyl	13.016	154	616816	42.354	ng/ul	99
44) 2-Chloronaphthalene	13.057	162	502179	42.183	ng/ul	99
45) 2-Nitroaniline	13.281	65	161570	48.335	ng/ul	91
47) Dimethylphthalate	13.651	163	746440	46.206	ng/ul	99
48) 2,6-Dinitrotoluene	13.787	165	154893	49.292	ng/ul	97
50) Acenaphthylene	13.904	152	757758	43.860	ng/ul	99
51) 3-Nitroaniline	14.122	138	124906	46.150	ng/ul	98
52) Acenaphthene	14.251	153	547901	43.682	ng/ul	99
53) 2,4-Dinitrophenol	14.351	184	102927	46.163	ng/ul	98
55) 4-Nitrophenol	14.475	109	39231	13.621	ng/ul	98
56) Dibenzofuran	14.598	168	877545	45.282	ng/ul	100
57) 2,4-Dinitrotoluene	14.587	165	252980	50.513	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.851	232	225682	45.837	ng/ul	98
59) Diethylphthalate	15.039	149	755348	47.278	ng/ul	99
61) Fluorene	15.257	166	728953	45.957	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.251	204	426530	45.669	ng/ul	95
63) 4-Nitroaniline	15.304	138	131420	52.183	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.369	198	174762	46.660	ng/ul#	99
67) N-Nitrosodiphenylamine	15.486	169	630934	46.651	ng/ul	99
68) 4-Bromophenyl-phenylether	16.175	248	309022	46.625	ng/ul	97
69) Hexachlorobenzene	16.286	284	391794	46.957	ng/ul	98
70) Atrazine	16.463	200	173937	26.606	ng/ul	99
71) Pentachlorophenol	16.651	266	214345	41.378	ng/ul	98
72) Phenanthrene	17.045	178	1311003	47.441	ng/ul	99
74) Anthracene	17.133	178	1311846	47.216	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.975	216	307478	39.789	ng/uL	97
76) Pentachlorobenzene	14.522	250	396946	44.987	ng/uL	98
77) Carbazole	17.422	167	1138011	46.947	ng/ul	100
78) Di-n-butylphthalate	18.010	149	1366896	50.815	ng/ul	99
80) Fluoranthene	19.151	202	1767918	52.625	ng/ul	98
82) Pyrene	19.527	202	1798029	49.821	ng/ul	99
83) Butylbenzylphthalate	20.469	149	637500	53.652	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.339	252	574029	40.393	ng/ul	98
85) Benzo(a)anthracene	21.421	228	1874609	48.493	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	884542	52.385	ng/ul	98
87) Chrysene	21.480	228	1746994	48.028	ng/ul	99
89) Di-n-octyl phthalate	22.568	149	1495939	51.459	ng/ul	100
90) Benzo(b)fluoranthene	23.633	252	1974978	49.519	ng/ul	100
91) Benzo(k)fluoranthene	23.704	252	1956582	49.834	ng/ul#	99
93) Benzo(a)pyrene	24.498	252	1809519	50.190	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.303	276	2406340	47.905	ng/ul	98
95) Dibenzo(a,h)anthracene	28.368	278	1925328	47.207	ng/ul	99
96) Benzo(g,h,i)perylene	29.450	276	1850285	48.497	ng/ul	98

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

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