Quantitation Report (Qedit)

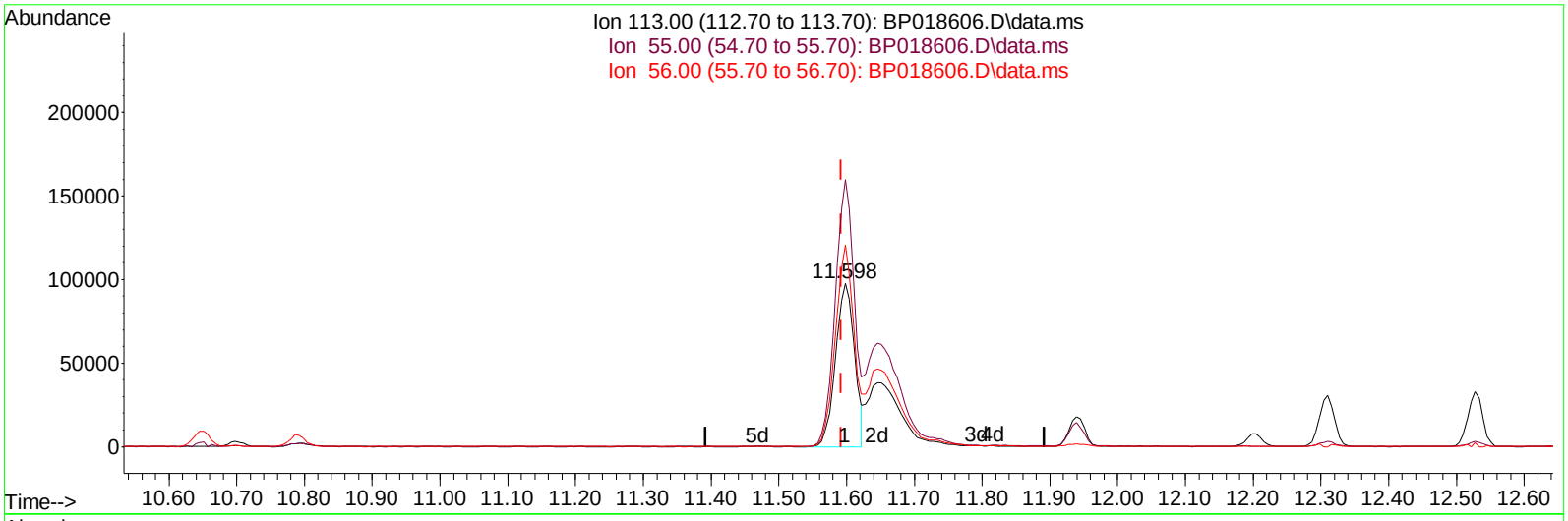
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018606.D
Acq On : 05 Dec 2023 16:50
Operator : MA/JU
Sample : PB157363BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

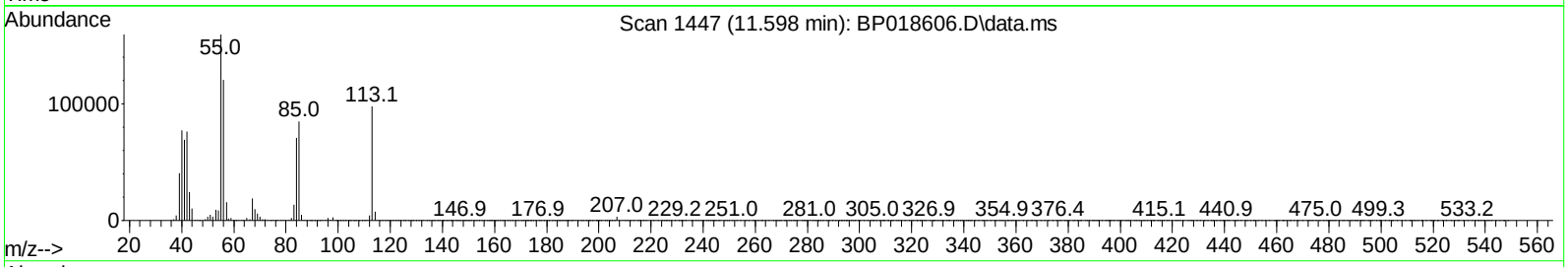
Quant Time: Dec 05 17:26:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

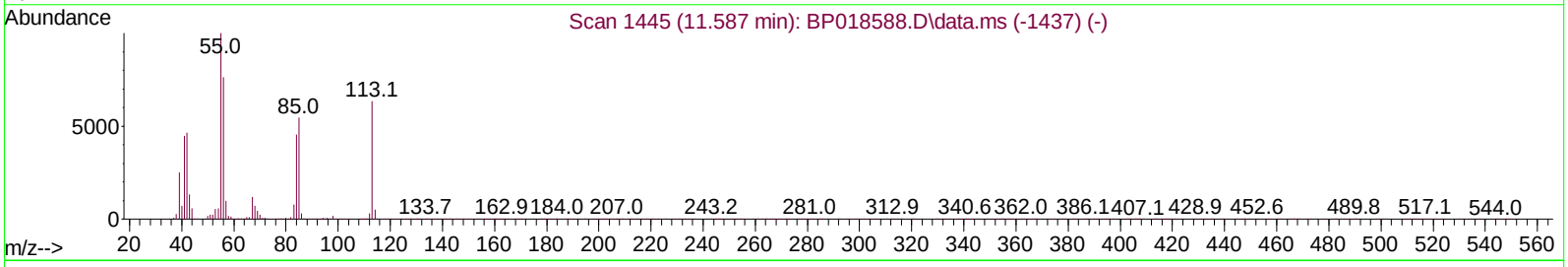
Instrument :
BNA_P
ClientSampleId :
SLCS363

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/08/2023







TIC: BP018606.D\data.ms

(34) Caprolactam

11.598min (+ 0.006) 22.75 ng/ul

response 190458

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	163.11
56.00	121.80	123.26
0.00	0.00	0.00

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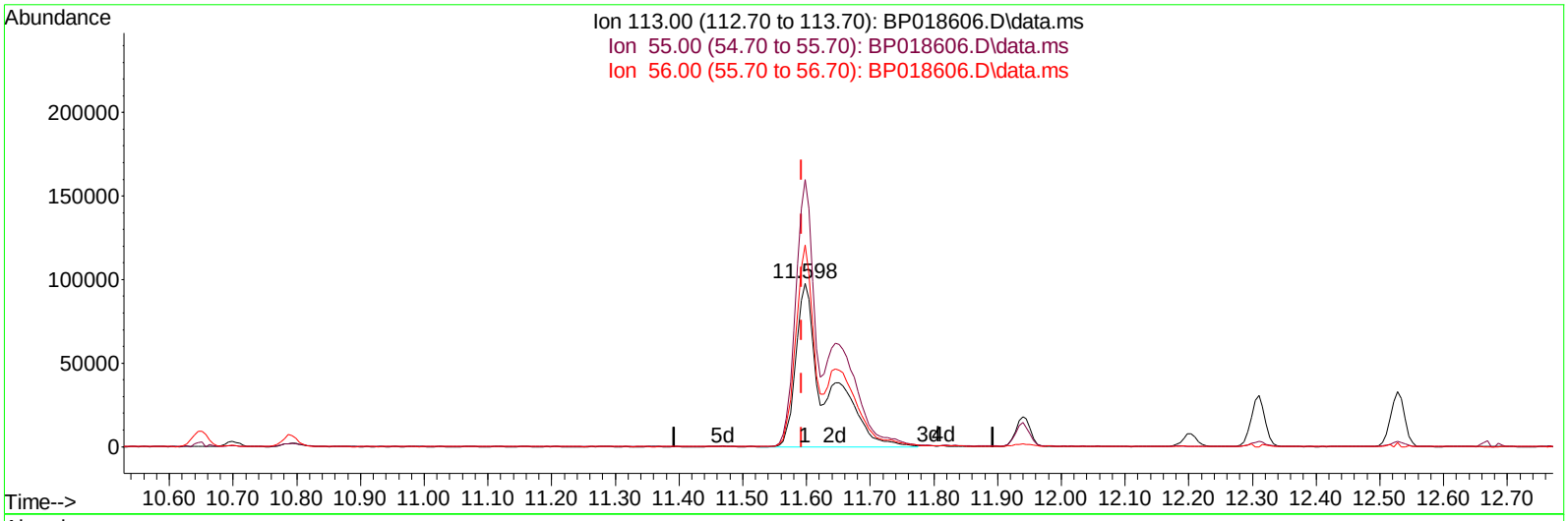

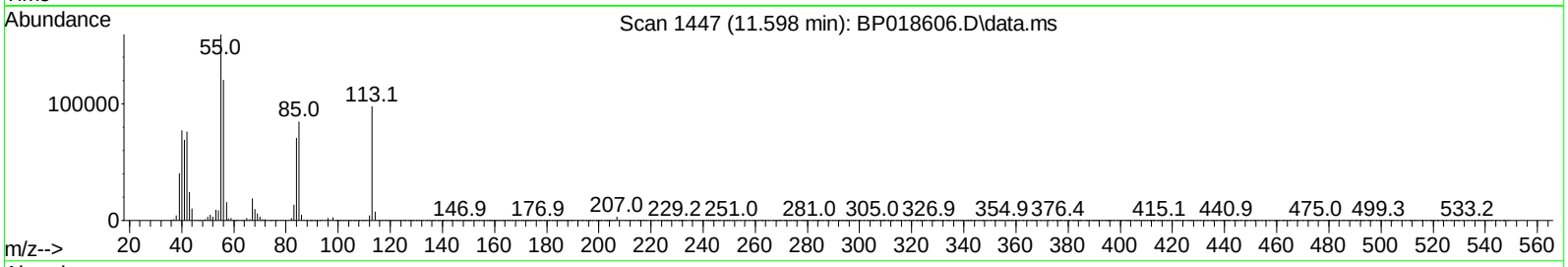

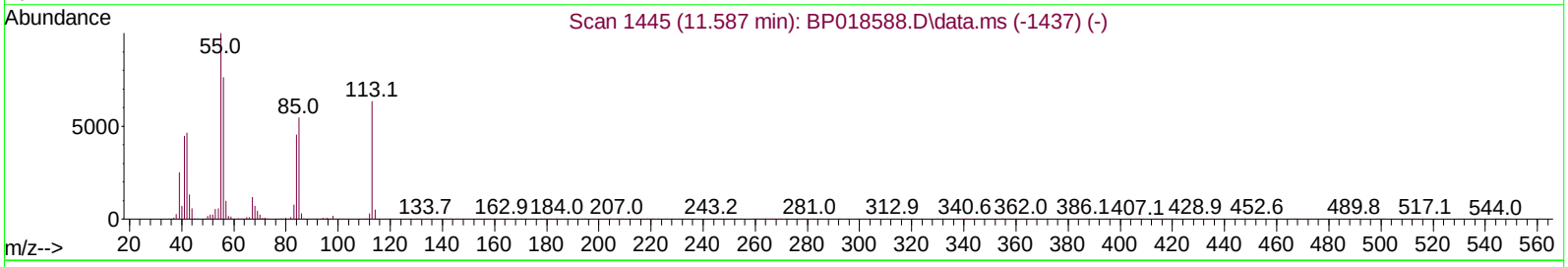

TIC: BP018606.D\data.ms

(34) Caprolactam

11.598min (+ 0.006) 38.76 ng/ul m

response 324468

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	163.11
56.00	121.80	123.26
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	7.851	152	330122	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1502135	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	1011883	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	2278713	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	1915476	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	1790412	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	57295	5.914	ng/uL	0.00
4) Pyridine-d5	3.687	84	822444	31.695	ng/ul	0.00
7) Phenol-d5	7.022	99	1155742	34.886	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	667421	33.991	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	837101	32.382	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	899033	33.533	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	429943	32.159	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	451313	32.560	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	937134	33.064	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	1115496	30.115	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	2938580	32.538	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	3279313	32.976	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	536267	36.175	ng/ul	0.00
60) Fluorene-d10	15.474	176	2518650	33.224	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	462578	33.856	ng/ul	0.00
73) Anthracene-d10	17.327	188	3688054	30.786	ng/ul	0.00
81) Pyrene-d10	19.562	212	4498956	30.173	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	3485097	33.384	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	119506	11.249	ng/uL	98
5) Pyridine	3.704	79	854638	32.615	ng/ul	97
6) Benzaldehyde	6.993	77	570259	33.340	ng/ul	98
8) Phenol	7.045	94	1146916	35.302	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	905766	33.947	ng/ul	100
12) 2-Chlorophenol	7.416	128	843090	32.225	ng/ul	100
13) 2-Methylphenol	8.298	108	827921	33.287	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1139705	33.664	ng/ul	98
16) Acetophenone	8.681	105	1409789	35.283	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	703873	32.022	ng/ul	98
18) 4-Methylphenol	8.634	108	933189	34.359	ng/ul	98
19) Hexachloroethane	8.928	117	336187	31.344	ng/ul	99
22) Nitrobenzene	9.057	77	1050249	32.310	ng/ul	98
23) Isophorone	9.587	82	2091461	31.557	ng/ul	99
25) 2-Nitrophenol	9.769	139	490971	33.082	ng/ul	99
26) 2,4-Dimethylphenol	9.828	107	569157	19.609	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.069	93	1319834	31.543	ng/ul	99
29) 2,4-Dichlorophenol	10.298	162	898172	32.900	ng/ul	99
30) Naphthalene	10.698	128	2886541	31.677	ng/ul	100
32) 4-Chloroaniline	10.816	127	1060029	30.026	ng/ul	100
33) Hexachlorobutadiene	10.986	225	576306	31.520	ng/ul	100
34) Caprolactam	11.598	113	324468m	38.761	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	1011792	33.083	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	2081171	32.238	ng/ul	98
37) 1-Methylnaphthalene	12.528	142	2039563	31.284	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	1194408	32.534	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	451071	20.729	ng/ul	99
41) 2,4,6-Trichlorophenol	12.916	196	724726	30.687	ng/ul	100
42) 2,4,5-Trichlorophenol	12.986	196	822932	32.141	ng/ul	100
43) 1,1'-Biphenyl	13.322	154	2795853	31.948	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	2219218	32.107	ng/ul	98
45) 2-Nitroaniline	13.569	65	643119	34.322	ng/ul	98
47) Dimethylphthalate	13.951	163	2900573	32.628	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	586774	34.936	ng/ul	94
50) Acenaphthylene	14.204	152	3648491	32.632	ng/ul	100
51) 3-Nitroaniline	14.392	138	586962	35.009	ng/ul	99
52) Acenaphthene	14.545	153	2411999	32.627	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	288317	32.390	ng/ul	99
55) 4-Nitrophenol	14.704	109	399723	35.690	ng/ul	96
56) Dibenzofuran	14.880	168	3385075	32.946	ng/ul	98
57) 2,4-Dinitrotoluene	14.851	165	862120	36.491	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	648925	30.215	ng/ul	98
59) Diethylphthalate	15.316	149	2884878	33.163	ng/ul	100
61) Fluorene	15.533	166	2729631	33.575	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.527	204	1431993	33.584	ng/ul	95
63) 4-Nitroaniline	15.557	138	604615	37.854	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	507266	34.726	ng/ul	97
67) N-Nitrosodiphenylamine	15.745	169	2359855	31.252	ng/ul	99
68) 4-Bromophenyl-phenylether	16.421	248	900900	31.316	ng/ul	95
69) Hexachlorobenzene	16.533	284	1037638	32.306	ng/ul	98
70) Atrazine	16.698	200	274764	12.239	ng/ul	99
71) Pentachlorophenol	16.874	266	530671	27.780	ng/ul	99
72) Phenanthrene	17.274	178	4520173	32.844	ng/ul	100
74) Anthracene	17.363	178	4267580	30.936	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.280	216	1212229	30.766	ng/uL	98
76) Pentachlorobenzene	14.798	250	1217674	31.462	ng/uL	99
77) Carbazole	17.639	167	3994109	36.328	ng/ul	99
78) Di-n-butylphthalate	18.192	149	4938196	33.731	ng/ul	100
80) Fluoranthene	19.239	202	5299744	30.070	ng/ul	100
82) Pyrene	19.592	202	5398703	30.364	ng/ul	99
83) Butylbenzylphthalate	20.474	149	2123042	32.616	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	1399618	30.068	ng/ul	99
85) Benzo(a)anthracene	21.304	228	5100171	32.803	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	3035024	33.924	ng/ul	98
87) Chrysene	21.351	228	4696150	32.800	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	5069831	38.783	ng/ul	100
90) Benzo(b)fluoranthene	22.962	252	4505497	34.130	ng/ul	99
91) Benzo(k)fluoranthene	23.009	252	4450601	34.845	ng/ul	100
93) Benzo(a)pyrene	23.580	252	4039433	33.489	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.156	276	4408683	30.591	ng/ul	100
95) Dibenzo(a,h)anthracene	26.174	278	3720622	31.035	ng/ul	98
96) Benzo(g,h,i)perylene	26.909	276	3529491	30.432	ng/ul	99

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

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