Quantitation Report (Qedit)

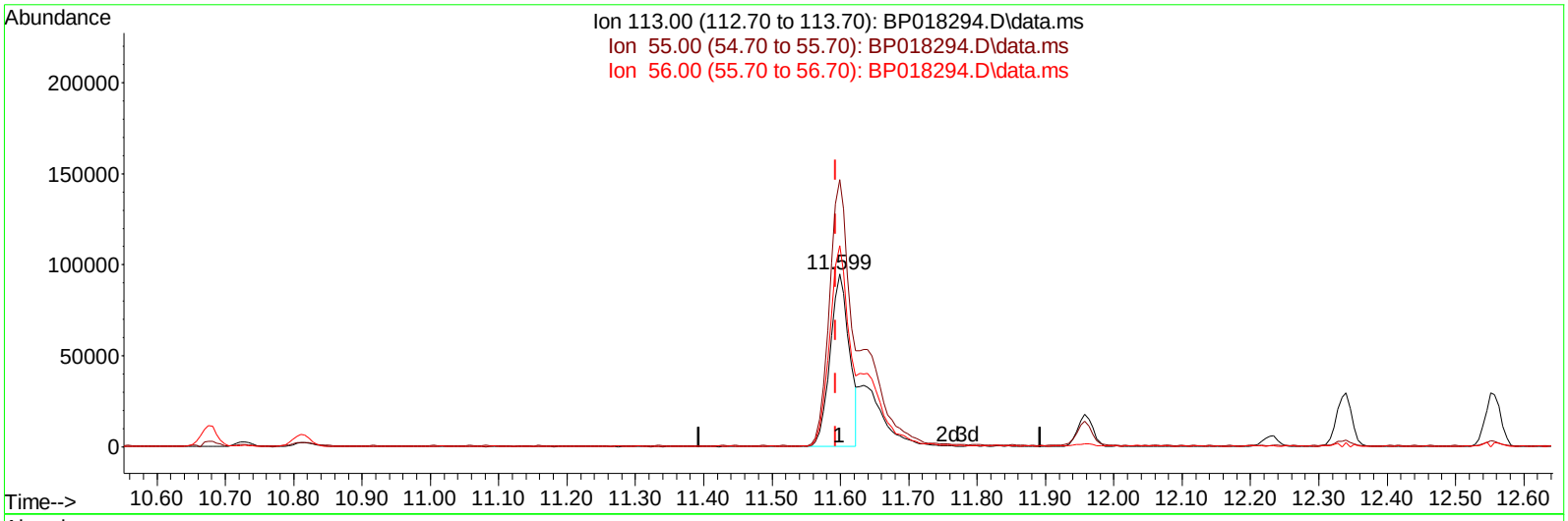
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
Data File : BP018294.D
Acq On : 23 Nov 2023 01:59
Operator : MA/JU
Sample : PB156975BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

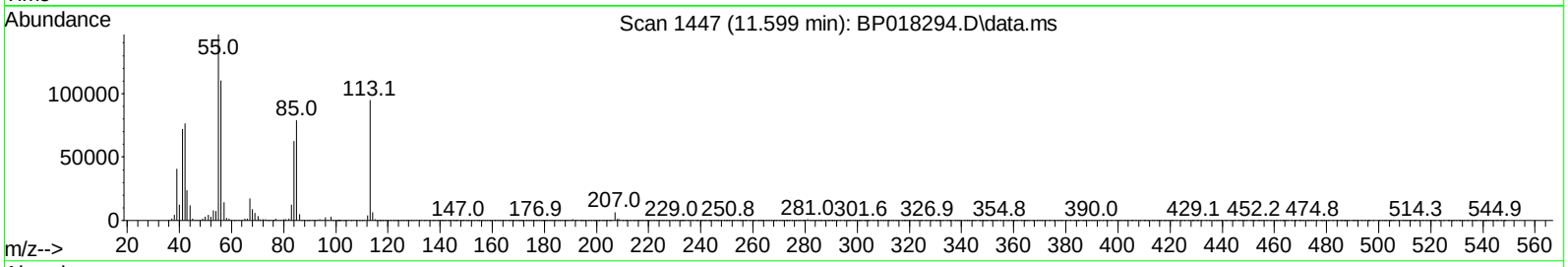
Quant Time: Nov 23 02:28:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 22 14:09:55 2023
Response via : Initial Calibration

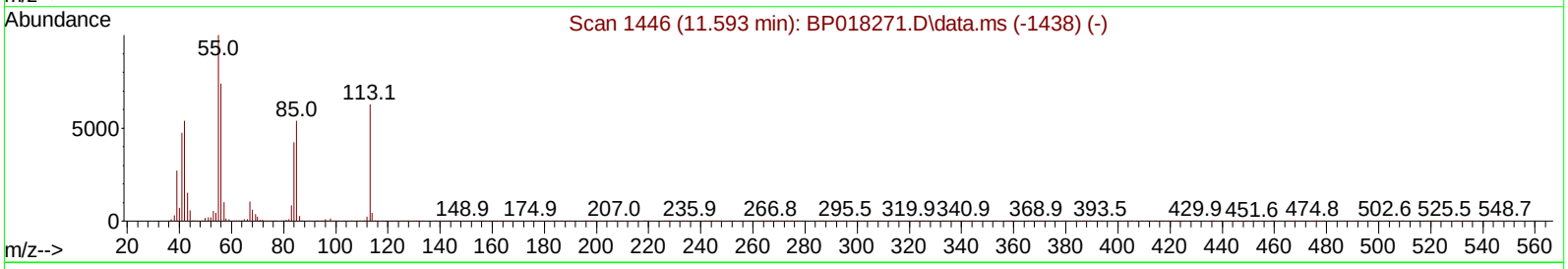
Instrument :
BNA_P
ClientSampleId :
SLCS975

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/23/2023







TIC: BP018294.D\data.ms

(34) Caprolactam

11.599min (+ 0.006) 21.12 ng/ul

response 185787

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.20	154.58
56.00	118.50	116.57
0.00	0.00	0.00

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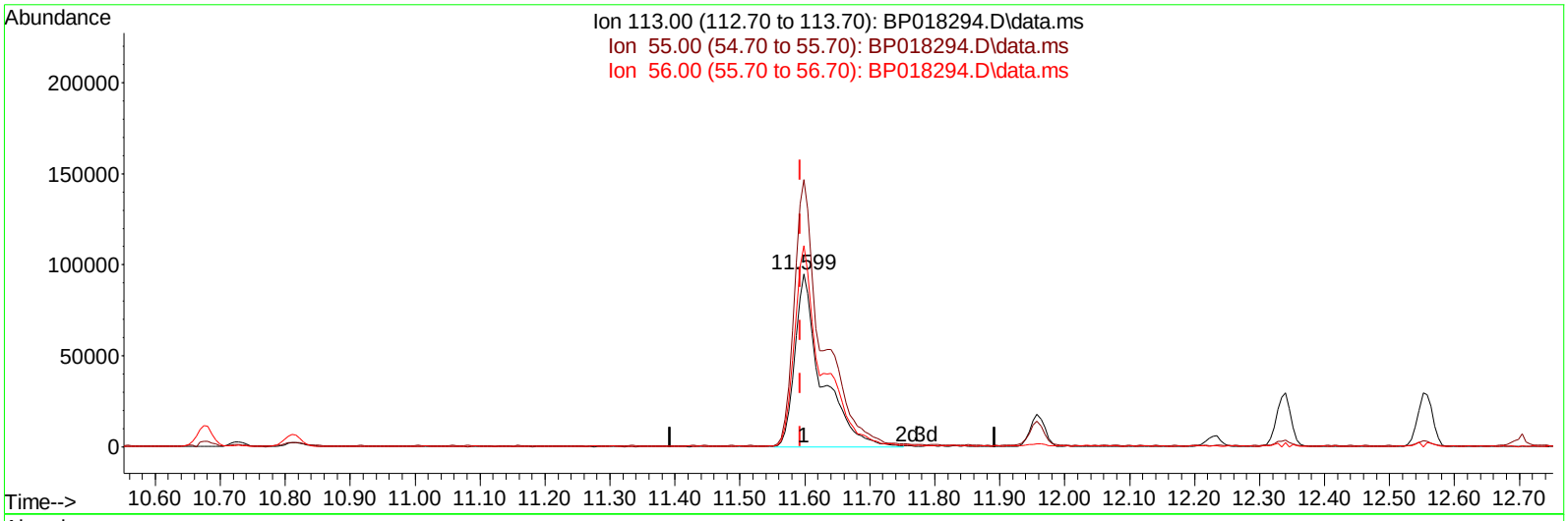

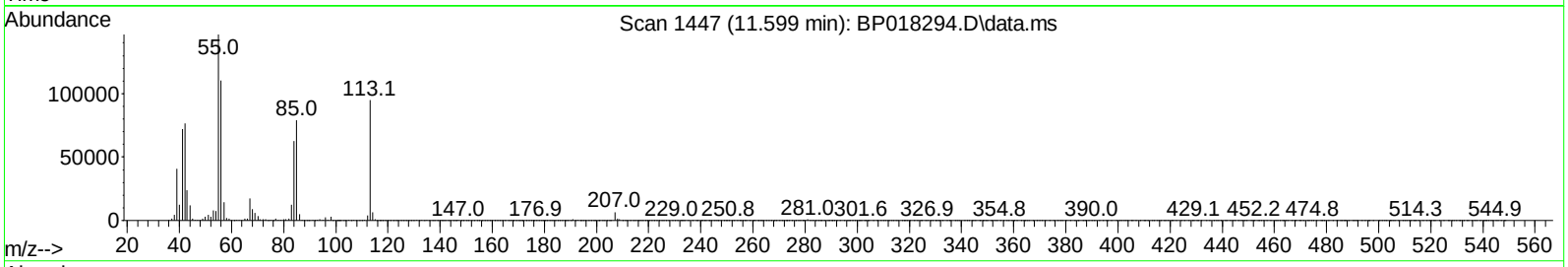

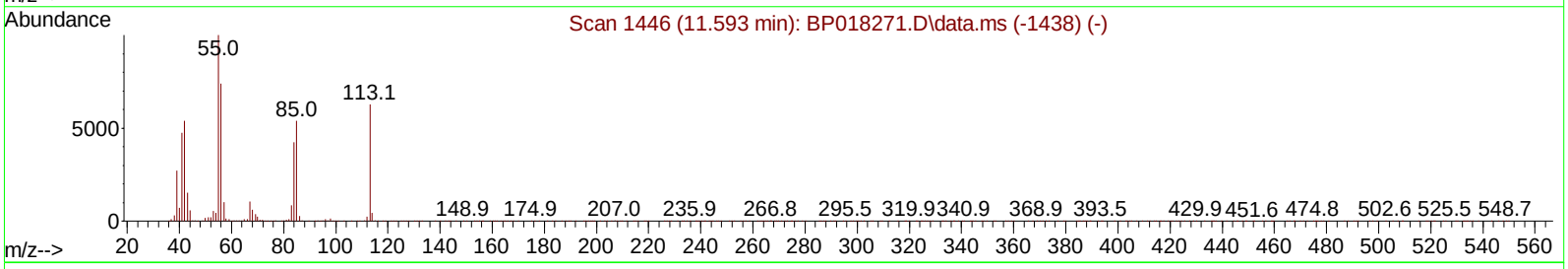

TIC: BP018294.D\data.ms

(34) Caprolactam

11.599min (+ 0.006) 30.96 ng/ul m

response 272324

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.20	154.58
56.00	118.50	116.57
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	7.875	152	411244	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1760839	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	1061711	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	1970615	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1188418	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	1359431	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	57477	5.235	ng/uL	0.00
4) Pyridine-d5	3.687	84	798017	26.447	ng/ul	0.00
7) Phenol-d5	7.034	99	1067710	28.409	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	641314	28.536	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	856821	27.153	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	857892	28.285	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	407740	28.509	ng/ul	0.00
24) 2-Nitrophenol-d4	9.758	143	384823	29.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	868228	27.245	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	1175262	27.345	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	2542188	26.909	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	2955557	27.457	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	355277	27.241	ng/ul	0.00
60) Fluorene-d10	15.498	176	2115780	26.776	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	233281	27.809	ng/ul	0.00
73) Anthracene-d10	17.357	188	2867213	27.222	ng/ul	0.00
81) Pyrene-d10	19.592	212	2708828	28.640	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.622	264	2196420	27.868	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	119187	10.123	ng/uL	95
5) Pyridine	3.711	79	830565	27.319	ng/ul	99
6) Benzaldehyde	7.011	77	610965	30.719	ng/ul	99
8) Phenol	7.064	94	1087765	29.505	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.305	93	909756	29.625	ng/ul	99
12) 2-Chlorophenol	7.434	128	877327	27.713	ng/ul	99
13) 2-Methylphenol	8.316	108	837393	29.162	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.411	45	1277642	29.269	ng/ul	99
16) Acetophenone	8.705	105	1378211	29.696	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.693	70	683639	26.369	ng/ul	99
18) 4-Methylphenol	8.652	108	906185	29.552	ng/ul	98
19) Hexachloroethane	8.958	117	363422	27.489	ng/ul	98
22) Nitrobenzene	9.081	77	961425	28.694	ng/ul	97
23) Isophorone	9.611	82	1992751	26.684	ng/ul	99
25) 2-Nitrophenol	9.787	139	447880	30.137	ng/ul	98
26) 2,4-Dimethylphenol	9.852	107	746318	22.368	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.099	93	1250254	27.720	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	870639	28.522	ng/ul	98
30) Naphthalene	10.728	128	2945243	27.655	ng/ul	100
32) 4-Chloroaniline	10.834	127	1085617	26.767	ng/ul	100
33) Hexachlorobutadiene	11.016	225	578812	27.802	ng/ul	98
34) Caprolactam	11.599	113	272324m	30.959	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	890880	27.297	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	2051514	27.219	ng/ul	100
37) 1-Methylnaphthalene	12.557	142	2022486	26.658	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.699	216	1096186	29.234	ng/ul	100
40) Hexachlorocyclopentadiene	12.687	237	516777	24.333	ng/ul	100
41) 2,4,6-Trichlorophenol	12.940	196	668675	29.694	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	732296	30.073	ng/ul	99
43) 1,1'-Biphenyl	13.352	154	2677277	28.942	ng/ul	100
44) 2-Chloronaphthalene	13.387	162	2110961	28.832	ng/ul	99
45) 2-Nitroaniline	13.587	65	482295	30.615	ng/ul	98
47) Dimethylphthalate	13.975	163	2590259	28.022	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	480973	30.863	ng/ul	96
50) Acenaphthylene	14.228	152	3396515	28.307	ng/ul	99
51) 3-Nitroaniline	14.410	138	453918	29.315	ng/ul	99
52) Acenaphthene	14.569	153	2219517	28.316	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	146405	26.928	ng/ul	94
55) 4-Nitrophenol	14.710	109	275402	28.503	ng/ul	98
56) Dibenzofuran	14.910	168	3011488	28.103	ng/ul	100
57) 2,4-Dinitrotoluene	14.869	165	627860	29.813	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.128	232	541248	28.302	ng/ul	99
59) Diethylphthalate	15.340	149	2518081	27.119	ng/ul	100
61) Fluorene	15.557	166	2410091	27.579	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.557	204	1239708	27.937	ng/ul	100
63) 4-Nitroaniline	15.575	138	422037	28.881	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.628	198	274724	29.528	ng/ul	98
67) N-Nitrosodiphenylamine	15.769	169	2015009	30.153	ng/ul	100
68) 4-Bromophenyl-phenylether	16.451	248	752574	30.248	ng/ul	100
69) Hexachlorobenzene	16.557	284	822242	29.561	ng/ul	97
70) Atrazine	16.722	200	585190	28.685	ng/ul	100
71) Pentachlorophenol	16.898	266	402794	28.184	ng/ul	97
72) Phenanthrene	17.298	178	3470945	28.957	ng/ul	99
74) Anthracene	17.392	178	3434683	28.388	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	1097840	32.411	ng/uL	99
76) Pentachlorobenzene	14.822	250	1036650	31.506	ng/uL	99
77) Carbazole	17.657	167	2885957	29.442	ng/ul	99
78) Di-n-butylphthalate	18.228	149	3674948	26.954	ng/ul	100
80) Fluoranthene	19.269	202	3386536	29.971	ng/ul	100
82) Pyrene	19.622	202	3371746	29.634	ng/ul	99
83) Butylbenzylphthalate	20.516	149	1107467	26.301	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.281	252	785353	27.323	ng/ul	100
85) Benzo(a)anthracene	21.339	228	2777079	28.673	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	1629283	25.790	ng/ul	99
87) Chrysene	21.392	228	2567164	29.128	ng/ul	100
89) Di-n-octyl phthalate	22.245	149	2527964	25.259	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	2685618	27.198	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	2730346	27.776	ng/ul	100
93) Benzo(a)pyrene	23.674	252	2632017	28.985	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.327	276	3419669	32.568	ng/ul	99
95) Dibenzo(a,h)anthracene	26.363	278	2813782	32.734	ng/ul	99
96) Benzo(g,h,i)perylene	27.110	276	2822583	33.193	ng/ul	100

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

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