Quantitation Report (Qedit)

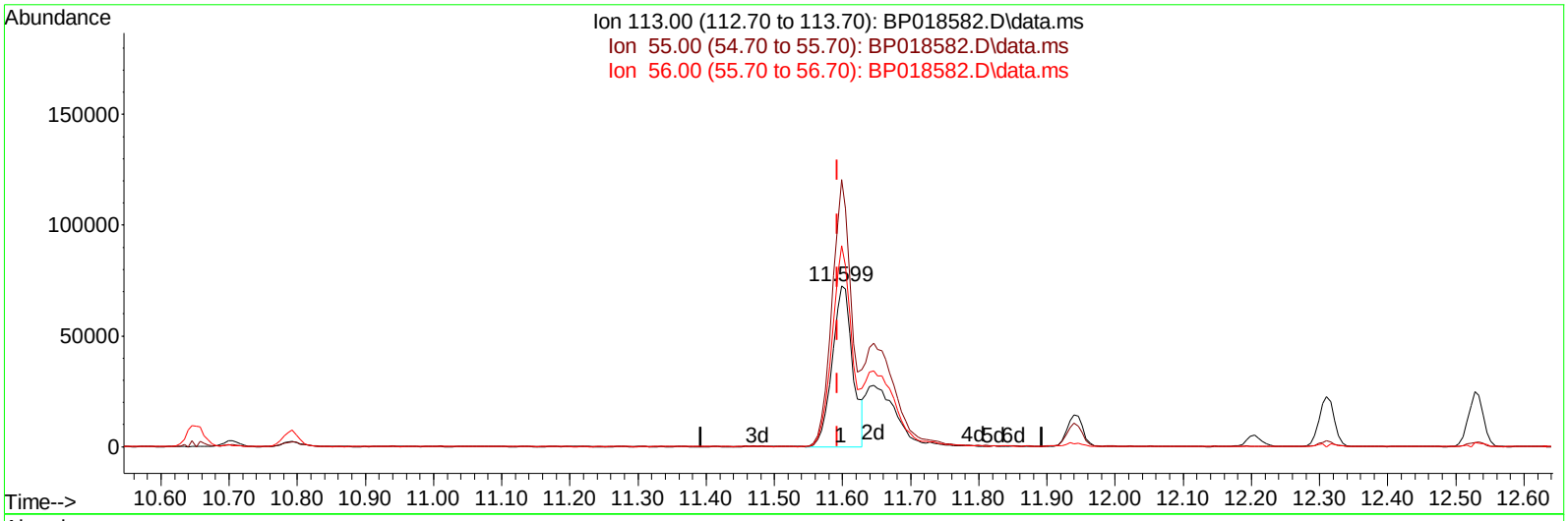
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018582.D
Acq On : 05 Dec 2023 01:40
Operator : MA/JU
Sample : PB157360BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

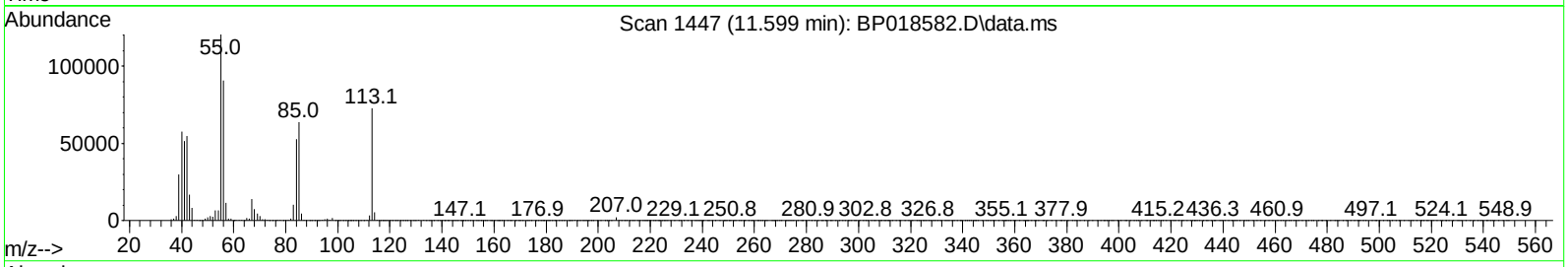
Quant Time: Dec 05 02:30:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

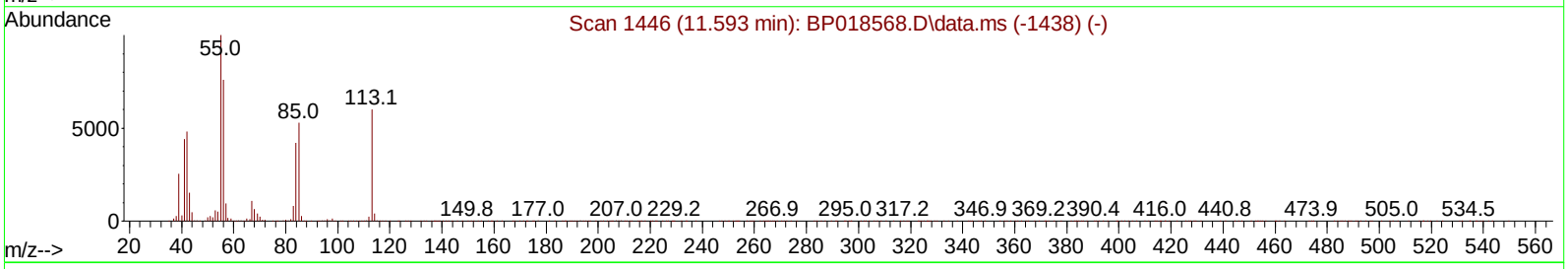
Instrument :
BNA_P
ClientSampleId :
SLCS360

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/08/2023







TIC: BP018582.D\data.ms

(34) Caprolactam

11.599min (+ 0.006) 16.79 ng/ul

response 151184

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	165.64
56.00	121.80	124.74
0.00	0.00	0.00

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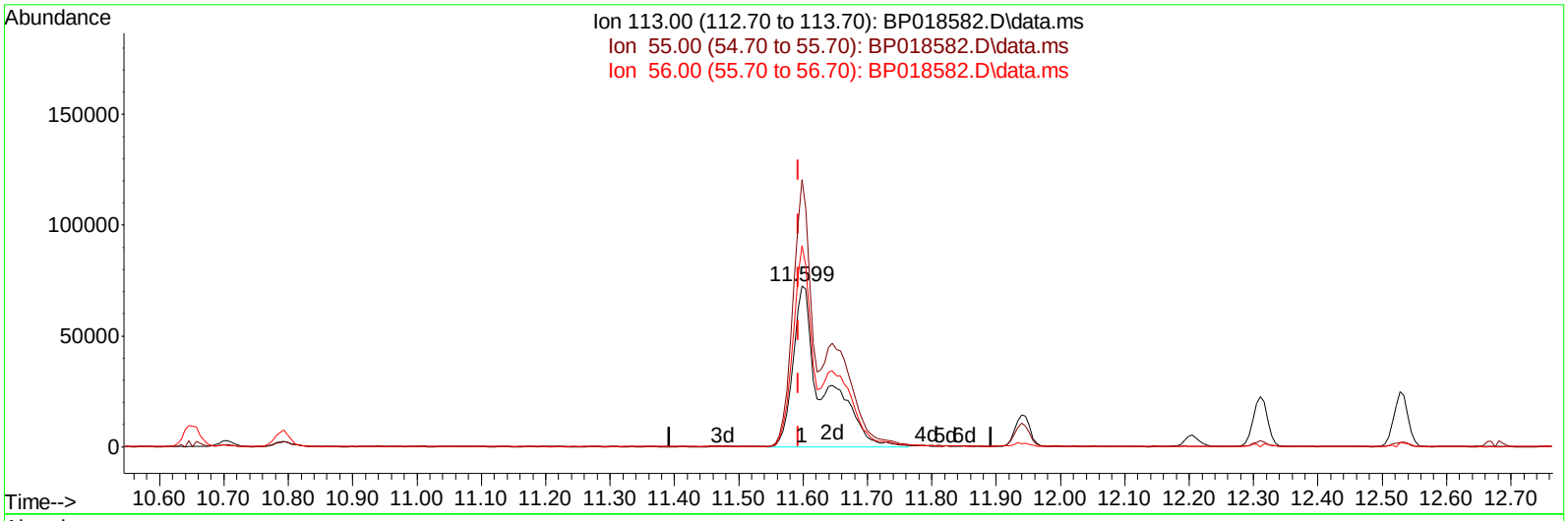

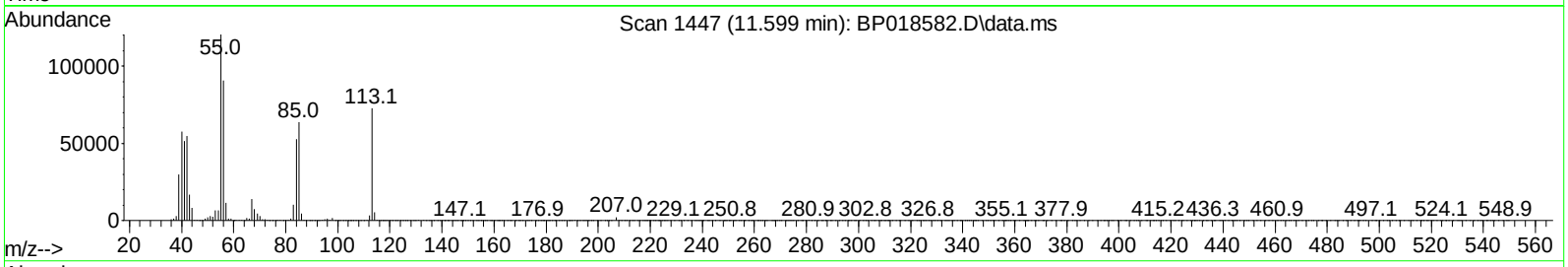

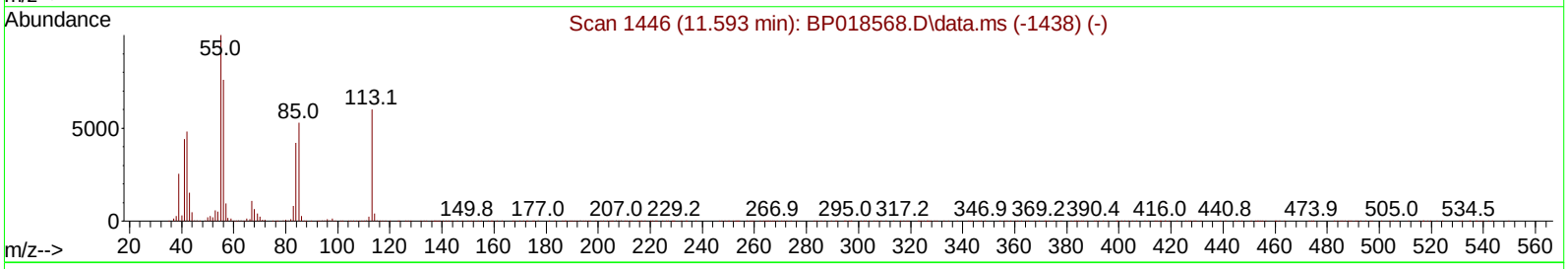

TIC: BP018582.D\data.ms

(34) Caprolactam

11.599min (+ 0.006) 26.36 ng/ul m

response 237401

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	165.64
56.00	121.80	124.74
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB157360BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

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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
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Instrument :
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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	7.852	152	356900	20.000	ng/ul	0.00
20) Naphthalene-d8	10.652	136	1616148	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.487	164	837734	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.234	188	1939154	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1773985	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	1719835	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	52901	5.051	ng/uL	0.00
4) Pyridine-d5	3.687	84	789443	28.141	ng/ul	0.00
7) Phenol-d5	7.022	99	1069188	29.852	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	629149	29.638	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	779707	27.899	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	848866	29.286	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	397578	27.640	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	406534	27.260	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	861592	28.254	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	1140379	28.615	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	2149157	28.744	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	2324154	28.230	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	384030	31.291	ng/ul	0.00
60) Fluorene-d10	15.475	176	1818030	28.968	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	343405	29.535	ng/ul	0.00
73) Anthracene-d10	17.328	188	2760613	27.079	ng/ul	0.00
81) Pyrene-d10	19.563	212	3480305	25.203	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	2921651	29.135	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	116024	10.102	ng/uL	99
5) Pyridine	3.705	79	829827	29.292	ng/ul	98
6) Benzaldehyde	6.993	77	591293	31.976	ng/ul	98
8) Phenol	7.052	94	1104757	31.453	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.281	93	876354	30.381	ng/ul	98
12) 2-Chlorophenol	7.416	128	813892	28.775	ng/ul	99
13) 2-Methylphenol	8.299	108	815249	30.318	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1126291	30.772	ng/ul	99
16) Acetophenone	8.681	105	1364039	31.577	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	683973	28.782	ng/ul	100
18) 4-Methylphenol	8.634	108	913300	31.104	ng/ul	96
19) Hexachloroethane	8.934	117	327536	28.246	ng/ul	99
22) Nitrobenzene	9.058	77	1008687	28.842	ng/ul	99
23) Isophorone	9.587	82	2033239	28.514	ng/ul	100
25) 2-Nitrophenol	9.769	139	467591	29.284	ng/ul	99
26) 2,4-Dimethylphenol	9.834	107	627016	20.078	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.069	93	1270162	28.215	ng/ul	100
29) 2,4-Dichlorophenol	10.299	162	853478	29.057	ng/ul	98
30) Naphthalene	10.705	128	2788003	28.437	ng/ul	100
32) 4-Chloroaniline	10.816	127	1073028	28.250	ng/ul	99
33) Hexachlorobutadiene	10.987	225	544515	27.681	ng/ul	99
34) Caprolactam	11.599	113	237401m	26.359	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	744738	22.633	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	1473200	21.210	ng/ul	99
37) 1-Methylnaphthalene	12.528	142	1463114	20.859	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	884689	29.107	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	372176	20.659	ng/ul	97
41) 2,4,6-Trichlorophenol	12.922	196	573517	29.332	ng/ul	100
42) 2,4,5-Trichlorophenol	12.987	196	632884	29.857	ng/ul	97
43) 1,1'-Biphenyl	13.322	154	2021100	27.896	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	1609433	28.125	ng/ul	98
45) 2-Nitroaniline	13.569	65	471836	30.416	ng/ul	99
47) Dimethylphthalate	13.951	163	2166137	29.432	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	440919	31.709	ng/ul	96
50) Acenaphthylene	14.204	152	2633442	28.450	ng/ul	100
51) 3-Nitroaniline	14.393	138	434588	31.309	ng/ul	97
52) Acenaphthene	14.551	153	1752200	28.629	ng/ul	98
53) 2,4-Dinitrophenol	14.598	184	225938	30.658	ng/ul	96
55) 4-Nitrophenol	14.704	109	322800	34.813	ng/ul	88
56) Dibenzofuran	14.887	168	2466950	29.001	ng/ul	100
57) 2,4-Dinitrotoluene	14.851	165	650366	33.250	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.110	232	549194	30.887	ng/ul	95
59) Diethylphthalate	15.316	149	2200032	30.548	ng/ul	100
61) Fluorene	15.534	166	1991398	29.586	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.528	204	1072129	30.371	ng/ul	99
63) 4-Nitroaniline	15.557	138	454964	34.406	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.610	198	379115	30.497	ng/ul	97
67) N-Nitrosodiphenylamine	15.745	169	1756352	27.333	ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	692782	28.299	ng/ul	99
69) Hexachlorobenzene	16.534	284	826964	30.255	ng/ul	98
70) Atrazine	16.698	200	485205	25.398	ng/ul	99
71) Pentachlorophenol	16.881	266	490229	30.157	ng/ul	99
72) Phenanthrene	17.275	178	3382997	28.886	ng/ul	100
74) Anthracene	17.369	178	3251097	27.694	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	902975	26.931	ng/uL	98
76) Pentachlorobenzene	14.798	250	931651	28.287	ng/uL	99
77) Carbazole	17.639	167	3056176	32.665	ng/ul	99
78) Di-n-butylphthalate	18.192	149	3878712	31.134	ng/ul	100
80) Fluoranthene	19.239	202	4173483	25.568	ng/ul	97
82) Pyrene	19.592	202	4234841	25.717	ng/ul	96
83) Butylbenzylphthalate	20.475	149	1727738	28.660	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	1224095	28.395	ng/ul	99
85) Benzo(a)anthracene	21.304	228	4146571	28.797	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	2450449	29.574	ng/ul	99
87) Chrysene	21.357	228	3852574	29.054	ng/ul	99
89) Di-n-octyl phthalate	22.151	149	4199301	33.442	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	3727550	29.396	ng/ul	99
91) Benzo(k)fluoranthene	23.016	252	3796113	30.940	ng/ul	99
93) Benzo(a)pyrene	23.586	252	3421522	29.530	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.157	276	3822874	27.615	ng/ul	97
95) Dibenzo(a,h)anthracene	26.174	278	3213998	27.909	ng/ul	98
96) Benzo(g,h,i)perylene	26.915	276	3072838	27.582	ng/ul	96

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

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