Quantitation Report (Qedit)

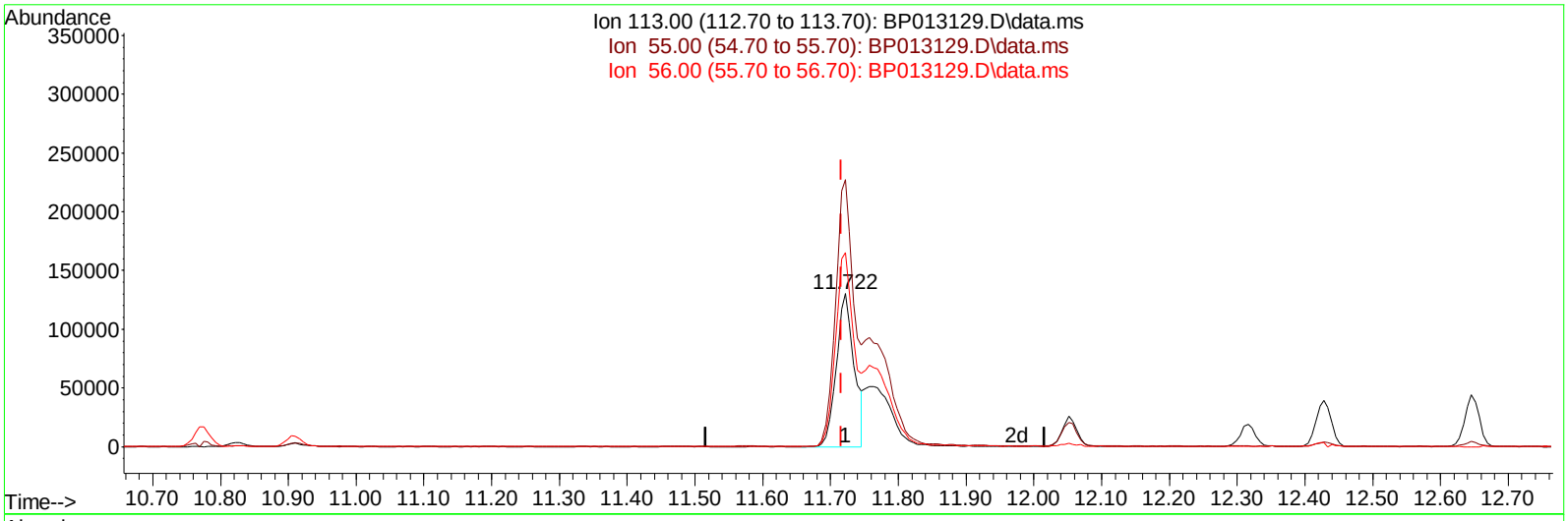
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013129.D
Acq On : 19 Dec 2022 16:34
Operator : CG/JU
Sample : PB149588BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

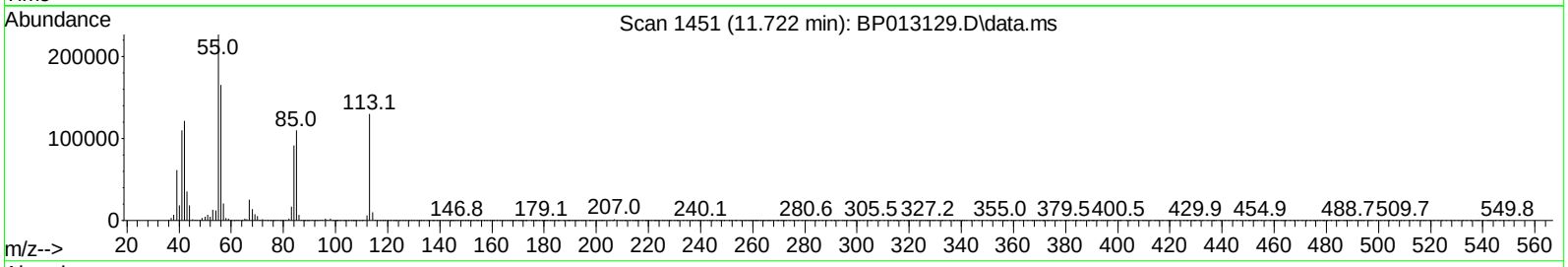
Quant Time: Dec 19 21:46:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 21:43:11 2022
Response via : Initial Calibration

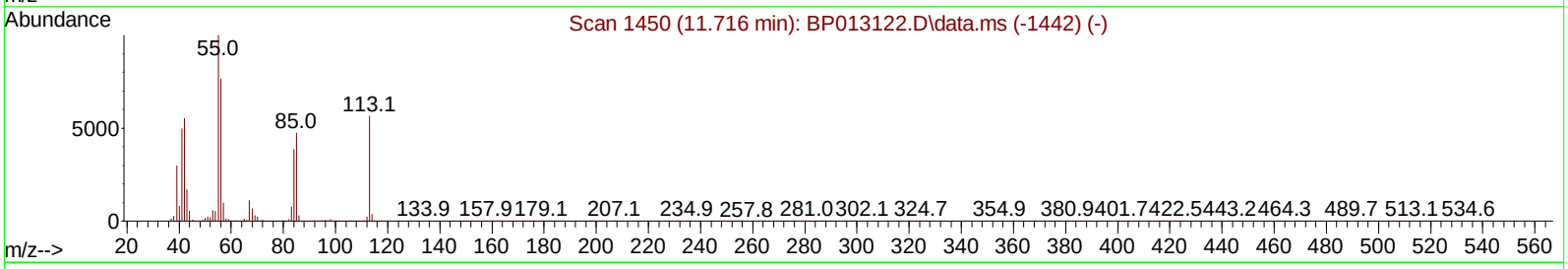
Instrument :
BNA_P
ClientSampleId :
SLCS588

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022







TIC: BP013129.D\data.ms

(34) Caprolactam

11.722min (+ 0.006) 18.41 ng/ul

response 241049

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	174.26
56.00	124.50	126.83
0.00	0.00	0.00

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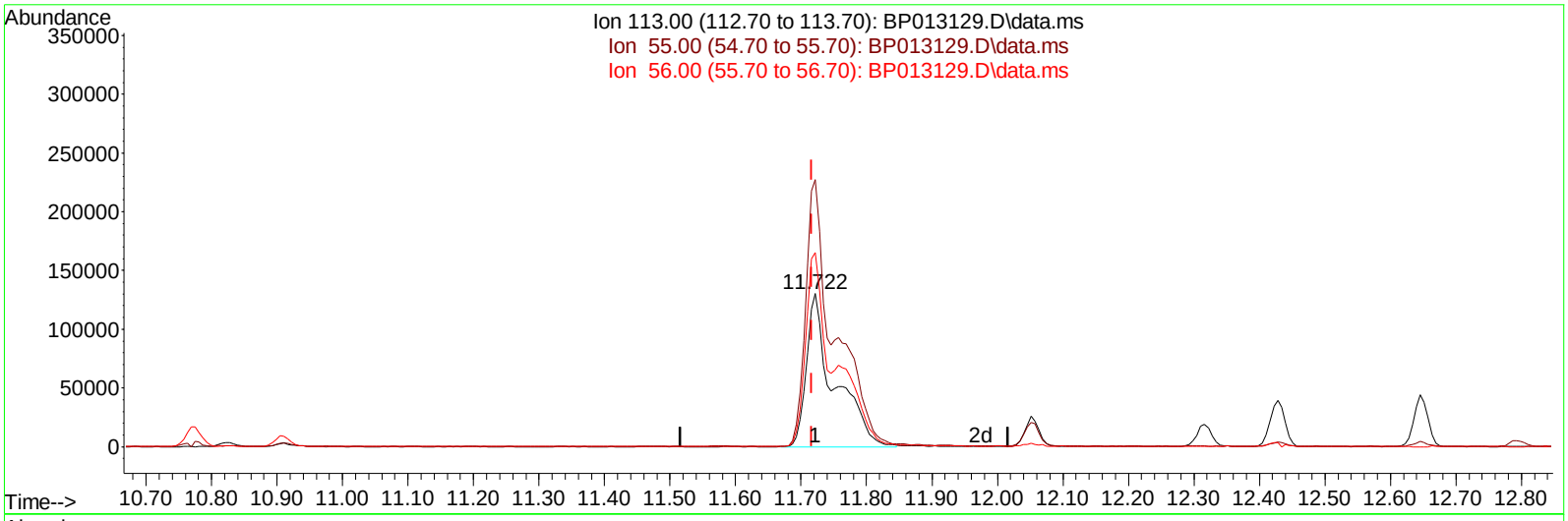

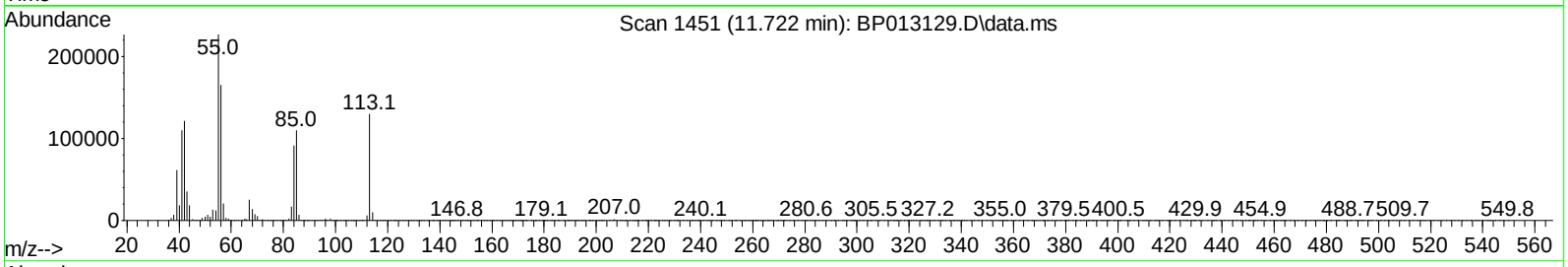

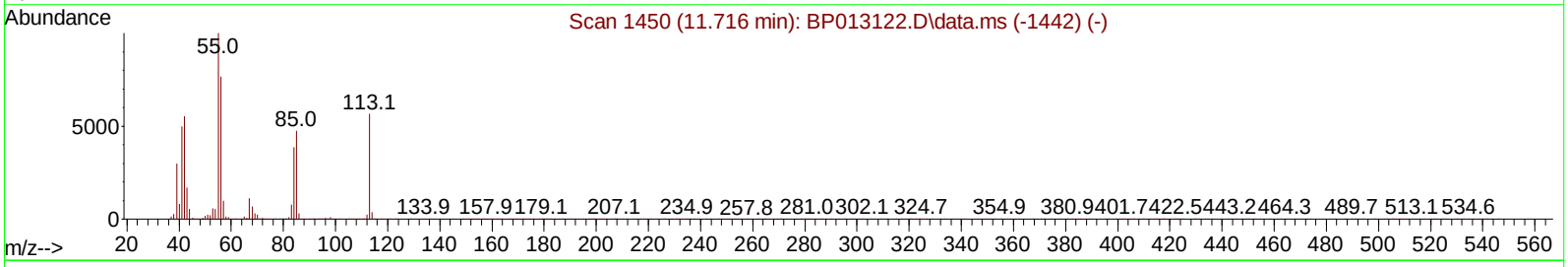

TIC: BP013129.D\data.ms

(34) Caprolactam

11.722min (+ 0.006) 29.29 ng/ul m

response 383509

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	174.26
56.00	124.50	126.83
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	7.958	152	576611	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	2439810	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	1573381	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	3445788	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	2699218	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	2112845	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	74363	5.514	ng/uL	0.00
4) Pyridine-d5	3.764	84	1048798	27.377	ng/ul	0.00
7) Phenol-d5	7.116	99	1472544	31.353	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	882553	31.150	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	1152063	31.160	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	1172363	30.464	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	570172	31.807	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	651763	32.296	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	1232389	31.439	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	1406618	25.418	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	3615946	29.903	ng/ul	0.00
49) Acenaphthylene-d8	14.293	160	4121877	31.021	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	672416	30.914	ng/ul	0.00
60) Fluorene-d10	15.592	176	3109440	30.395	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	664808	29.981	ng/ul	0.00
73) Anthracene-d10	17.457	188	4733129	30.447	ng/ul	0.00
81) Pyrene-d10	19.686	212	5429007	35.041	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.763	264	3376479	32.061	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	163409	11.607	ng/uL	95
5) Pyridine	3.787	79	1057970	27.787	ng/ul	99
6) Benzaldehyde	7.093	77	637309	34.654	ng/ul	97
8) Phenol	7.140	94	1531560	32.252	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.375	93	1213198	31.127	ng/ul	96
12) 2-Chlorophenol	7.516	128	1210962	31.939	ng/ul	96
13) 2-Methylphenol	8.399	108	1161623	31.377	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.493	45	1816777	33.969	ng/ul	97
16) Acetophenone	8.787	105	1841460	31.208	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.775	70	944926	31.846	ng/ul	97
18) 4-Methylphenol	8.734	108	1283553	31.301	ng/ul	99
19) Hexachloroethane	9.046	117	472171	31.164	ng/ul	99
22) Nitrobenzene	9.169	77	1377981	32.759	ng/ul	98
23) Isophorone	9.699	82	2678879	31.495	ng/ul	98
25) 2-Nitrophenol	9.881	139	710950	32.513	ng/ul	95
26) 2,4-Dimethylphenol	9.940	107	1268517	29.732	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.181	93	1659964	30.522	ng/ul	100
29) 2,4-Dichlorophenol	10.416	162	1239095	32.269	ng/ul	98
30) Naphthalene	10.822	128	3934750	30.837	ng/ul	100
32) 4-Chloroaniline	10.934	127	1170679	21.378	ng/ul	99
33) Hexachlorobutadiene	11.104	225	829550	31.465	ng/ul	99
34) Caprolactam	11.722	113	383509m	29.292	ng/ul	
35) 4-Chloro-3-methylphenol	12.051	107	1286331	32.826	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.428	142	2743426	31.340	ng/ul	99
37) 1-Methylnaphthalene	12.646	142	2730595	30.332	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.793	216	1618186	31.940	ng/ul	98
40) Hexachlorocyclopentadiene	12.775	237	784825	23.805	ng/ul	99
41) 2,4,6-Trichlorophenol	13.034	196	1012853	31.108	ng/ul	100
42) 2,4,5-Trichlorophenol	13.104	196	1116481	31.923	ng/ul	100
43) 1,1'-Biphenyl	13.434	154	3613952	30.584	ng/ul	98
44) 2-Chloronaphthalene	13.475	162	2908702	31.276	ng/ul	100
45) 2-Nitroaniline	13.681	65	816104	36.193	ng/ul	95
47) Dimethylphthalate	14.057	163	3678863	30.696	ng/ul	99
48) 2,6-Dinitrotoluene	14.175	165	740854	33.262	ng/ul	98
50) Acenaphthylene	14.322	152	4377894	30.647	ng/ul	100
51) 3-Nitroaniline	14.504	138	690284	32.821	ng/ul	97
52) Acenaphthene	14.663	153	3079522	31.109	ng/ul	100
53) 2,4-Dinitrophenol	14.710	184	449276	29.509	ng/ul	99
55) 4-Nitrophenol	14.810	109	489947	33.012	ng/ul	97
56) Dibenzofuran	14.998	168	4305927	30.594	ng/ul	99
57) 2,4-Dinitrotoluene	14.963	165	1065779	32.942	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.222	232	929643	29.127	ng/ul	98
59) Diethylphthalate	15.416	149	3605258	30.945	ng/ul	99
61) Fluorene	15.651	166	3508997	31.087	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.640	204	1853362	31.049	ng/ul	98
63) 4-Nitroaniline	15.675	138	733100	39.613	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.728	198	662234	30.561	ng/ul	97
67) N-Nitrosodiphenylamine	15.857	169	3061054	32.042	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	1179092	31.509	ng/ul	97
69) Hexachlorobenzene	16.657	284	1366994	30.765	ng/ul	98
70) Atrazine	16.810	200	486243	13.061	ng/ul	99
71) Pentachlorophenol	17.004	266	742405	27.590	ng/ul	99
72) Phenanthrene	17.398	178	5701649	31.768	ng/ul	100
74) Anthracene	17.492	178	5602384	31.262	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	1610353	32.756	ng/uL	100
76) Pentachlorobenzene	14.916	250	1550825	30.940	ng/uL	100
77) Carbazole	17.763	167	5039508	33.391	ng/ul	100
78) Di-n-butylphthalate	18.304	149	5919481	32.213	ng/ul	100
80) Fluoranthene	19.363	202	6602499	37.546	ng/ul	100
82) Pyrene	19.716	202	6674870	36.797	ng/ul	100
83) Butylbenzylphthalate	20.580	149	2376508	33.913	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.357	252	1660013	27.223	ng/ul	99
85) Benzo(a)anthracene	21.427	228	5817524	32.466	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.333	149	3121816	31.581	ng/ul	100
87) Chrysene	21.480	228	5392634	31.824	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	4486319	37.902	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	4548025	33.756	ng/ul	99
91) Benzo(k)fluoranthene	23.216	252	4698022	35.165	ng/ul	99
93) Benzo(a)pyrene	23.816	252	3857506	32.882	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	4312006	29.508	ng/ul	99
95) Dibenzo(a,h)anthracene	26.539	278	3800541	31.413	ng/ul	99
96) Benzo(g,h,i)perylene	27.315	276	3792297	32.326	ng/ul	99

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

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