Quantitation Report (Qedit)

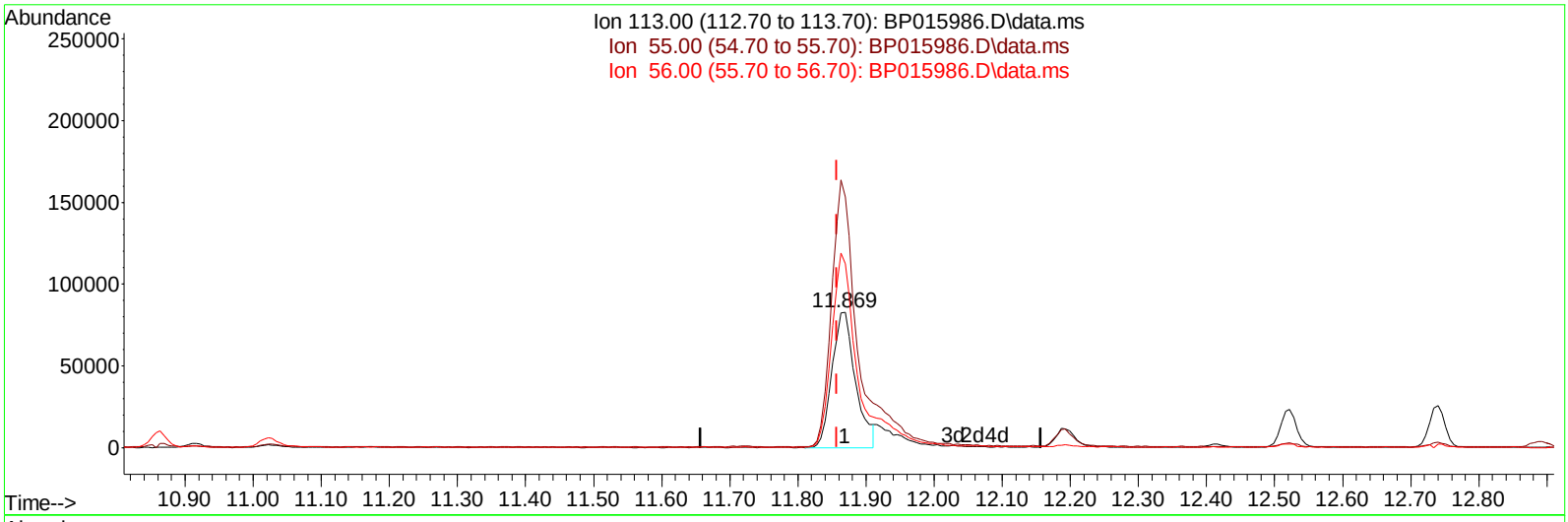
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015986.D
Acq On : 04 Jul 2023 20:48
Operator : MA/JU
Sample : PB153764BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

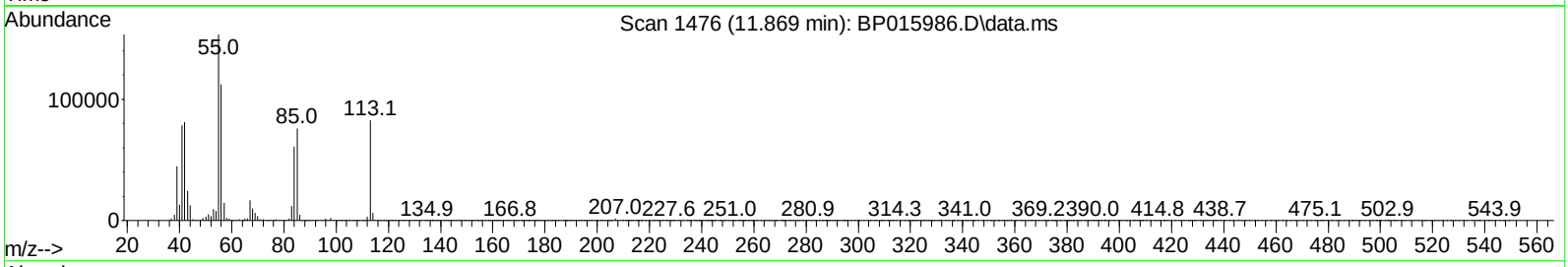
Quant Time: Jul 04 21:59:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

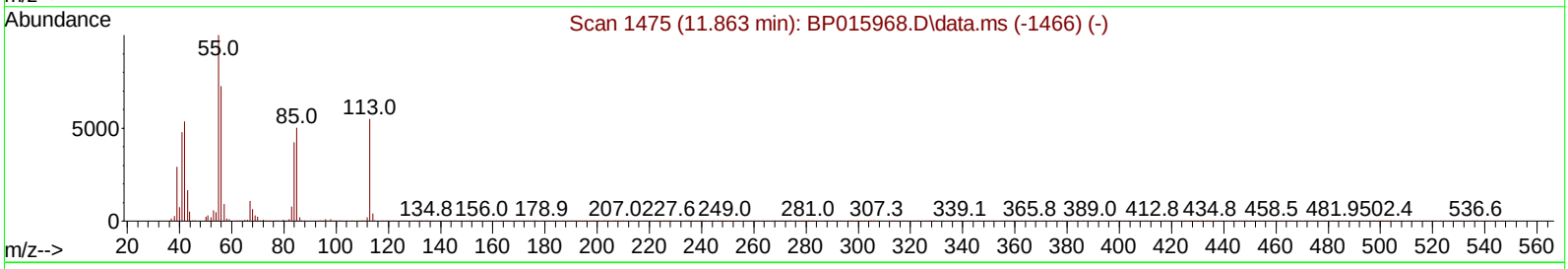
Instrument :
BNA_P
ClientSampleId :
SLCS764

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023







TIC: BP015986.D\data.ms

(34) Caprolactam

11.869min (+ 0.012) 35.52 ng/ul

response 198329

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	185.33
56.00	146.10	135.67
0.00	0.00	0.00

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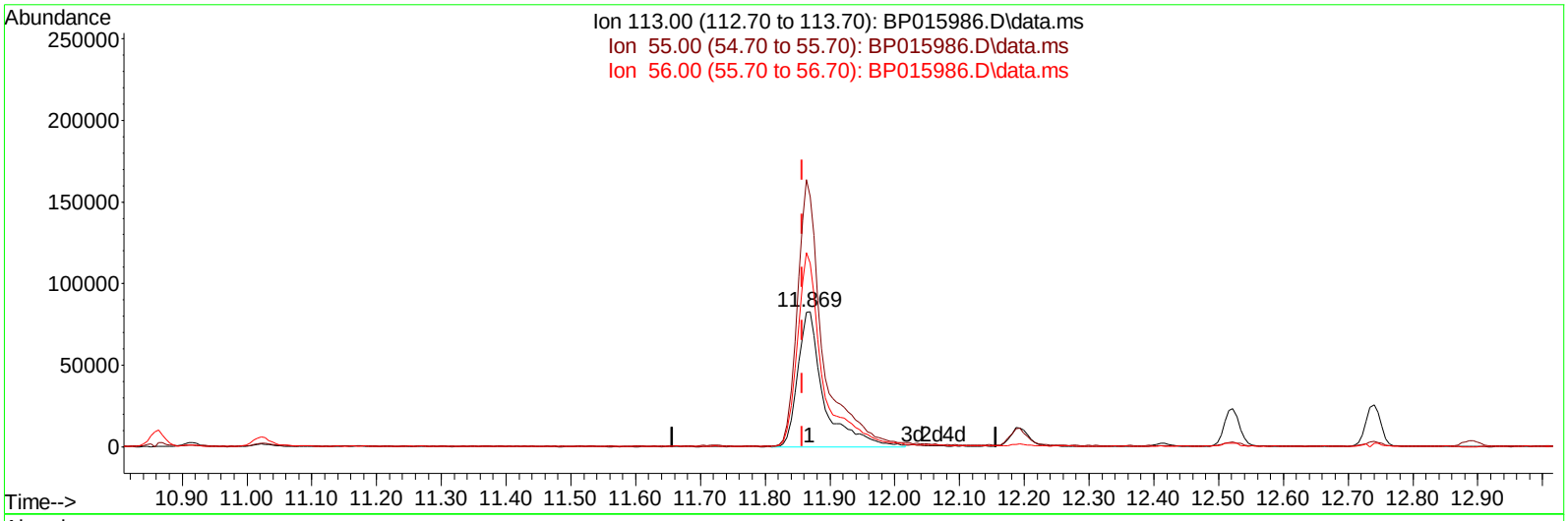

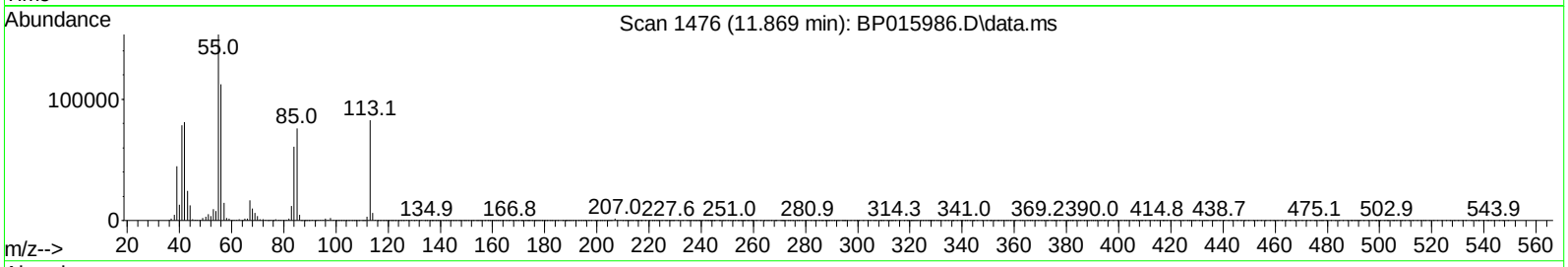

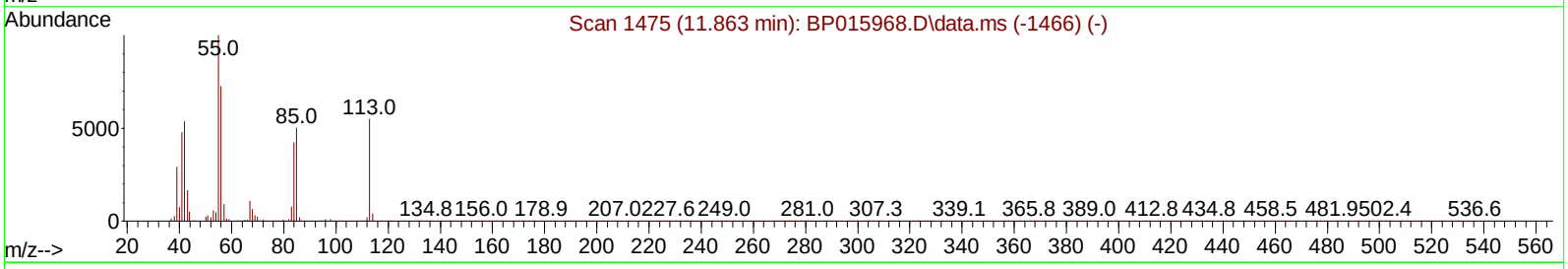

TIC: BP015986.D\data.ms

(34) Caprolactam

11.869min (+ 0.012) 41.73 ng/ul m

response 232993

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	185.33
56.00	146.10	135.67
0.00	0.00	0.00

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Operator : MA/JU
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 04 23:37:50 2023
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Quant Title : SVOA CALIBRATION
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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	8.040	152	266423	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	1155206	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.687	164	685322	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.451	188	1431070	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	929563	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	986880	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	44542	6.015	ng/uL	0.00
4) Pyridine-d5	3.811	84	649330	34.786	ng/ul	0.00
7) Phenol-d5	7.222	99	883071	38.739	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	567423	40.234	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	684515	39.780	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	691852	38.419	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	347709	39.385	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	385521	37.415	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	665418	36.240	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	912746	38.697	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	2003645	37.826	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	2288785	38.437	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	228934	32.751	ng/ul	0.00
60) Fluorene-d10	15.687	176	1662014	38.106	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	221810	25.203	ng/ul	0.00
73) Anthracene-d10	17.557	188	2448823	37.462	ng/ul	0.00
81) Pyrene-d10	19.786	212	2509094	41.337	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	2048704	41.153	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	92560	11.615	ng/uL	97
5) Pyridine	3.834	79	644276	32.993	ng/ul	95
6) Benzaldehyde	7.181	77	548756	59.542	ng/ul	97
8) Phenol	7.252	94	927589	39.212	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.458	93	730191	38.796	ng/ul	100
12) 2-Chlorophenol	7.605	128	694799	38.006	ng/ul	98
13) 2-Methylphenol	8.510	108	686788	38.453	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.569	45	1071209	41.671	ng/ul	99
16) Acetophenone	8.881	105	1115539	37.684	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.857	70	601750	36.600	ng/ul	99
18) 4-Methylphenol	8.846	108	736649	38.387	ng/ul	100
19) Hexachloroethane	9.110	117	288552	34.175	ng/ul	88
22) Nitrobenzene	9.269	77	913178	36.833	ng/ul	96
23) Isophorone	9.793	82	1713846	36.124	ng/ul	98
25) 2-Nitrophenol	9.987	139	397421	36.342	ng/ul	93
26) 2,4-Dimethylphenol	10.046	107	654891	27.242	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.269	93	1014231	37.869	ng/ul	99
29) 2,4-Dichlorophenol	10.534	162	658996	36.100	ng/ul	100
30) Naphthalene	10.916	128	2247968	35.796	ng/ul	99
32) 4-Chloroaniline	11.046	127	823905	33.620	ng/ul	97
33) Hexachlorobutadiene	11.175	225	414940	30.099	ng/ul	100
34) Caprolactam	11.869	113	232993m	41.726	ng/ul	
35) 4-Chloro-3-methylphenol	12.193	107	776929	36.359	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.522	142	1483161	35.876	ng/ul	98
37) 1-Methylnaphthalene	12.740	142	1498260	35.526	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.893	216	783609	34.698	ng/ul	99
40) Hexachlorocyclopentadiene	12.846	237	47998	7.104	ng/ul	100
41) 2,4,6-Trichlorophenol	13.146	196	490510	34.368	ng/ul	99
42) 2,4,5-Trichlorophenol	13.240	196	555976	36.726	ng/ul	98
43) 1,1'-Biphenyl	13.522	154	1977340	36.427	ng/ul	97
44) 2-Chloronaphthalene	13.575	162	1561502	36.516	ng/ul	98
45) 2-Nitroaniline	13.804	65	558810	41.532	ng/ul	95
47) Dimethylphthalate	14.145	163	1982115	36.157	ng/ul	99
48) 2,6-Dinitrotoluene	14.293	165	433276	38.964	ng/ul	95
50) Acenaphthylene	14.416	152	2422839	36.927	ng/ul	99
51) 3-Nitroaniline	14.634	138	435314	49.921	ng/ul	95
52) Acenaphthene	14.757	153	1681759	36.964	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	110633	18.753	ng/ul	88
55) 4-Nitrophenol	14.975	109	166950	23.047	ng/ul#	79
56) Dibenzofuran	15.092	168	2287040	36.211	ng/ul	97
57) 2,4-Dinitrotoluene	15.098	165	592732	39.116	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.334	232	412945	31.757	ng/ul	98
59) Diethylphthalate	15.504	149	2054013	37.026	ng/ul	98
61) Fluorene	15.745	166	1878601	36.671	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.728	204	909122	34.682	ng/ul	96
63) 4-Nitroaniline	15.810	138	395892	66.334	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.869	198	215661	24.219	ng/ul	98
67) N-Nitrosodiphenylamine	15.951	169	1586418	37.030	ng/ul	100
68) 4-Bromophenyl-phenylether	16.628	248	572594	35.039	ng/ul	91
69) Hexachlorobenzene	16.757	284	661929	34.328	ng/ul	98
70) Atrazine	16.910	200	169638	10.344	ng/ul	96
71) Pentachlorophenol	17.122	266	264649	28.597	ng/ul	96
72) Phenanthrene	17.498	178	2912815	37.467	ng/ul	99
74) Anthracene	17.592	178	2869380	36.731	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.493	216	781932	33.579	ng/uL	100
76) Pentachlorobenzene	15.010	250	783503	33.338	ng/uL	99
77) Carbazole	17.875	167	2607934	39.609	ng/ul	99
78) Di-n-butylphthalate	18.381	149	3649318	41.807	ng/ul	99
80) Fluoranthene	19.457	202	3025938	40.113	ng/ul#	93
82) Pyrene	19.816	202	3035177	39.443	ng/ul#	93
83) Butylbenzylphthalate	20.657	149	1485270	47.311	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	836232	39.795	ng/ul	99
85) Benzo(a)anthracene	21.527	228	2502676	38.273	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	2100601	48.688	ng/ul	99
87) Chrysene	21.586	228	2386665	38.470	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	3363160	46.631	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2449619	38.631	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	2486290	38.807	ng/ul#	97
93) Benzo(a)pyrene	23.980	252	2182248	39.385	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.792	276	2877778	38.259	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.792	278	2369138	38.347	ng/ul#	95
96) Benzo(g,h,i)perylene	27.633	276	2363411	38.194	ng/ul#	96

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

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