Quantitation Report (Qedit)

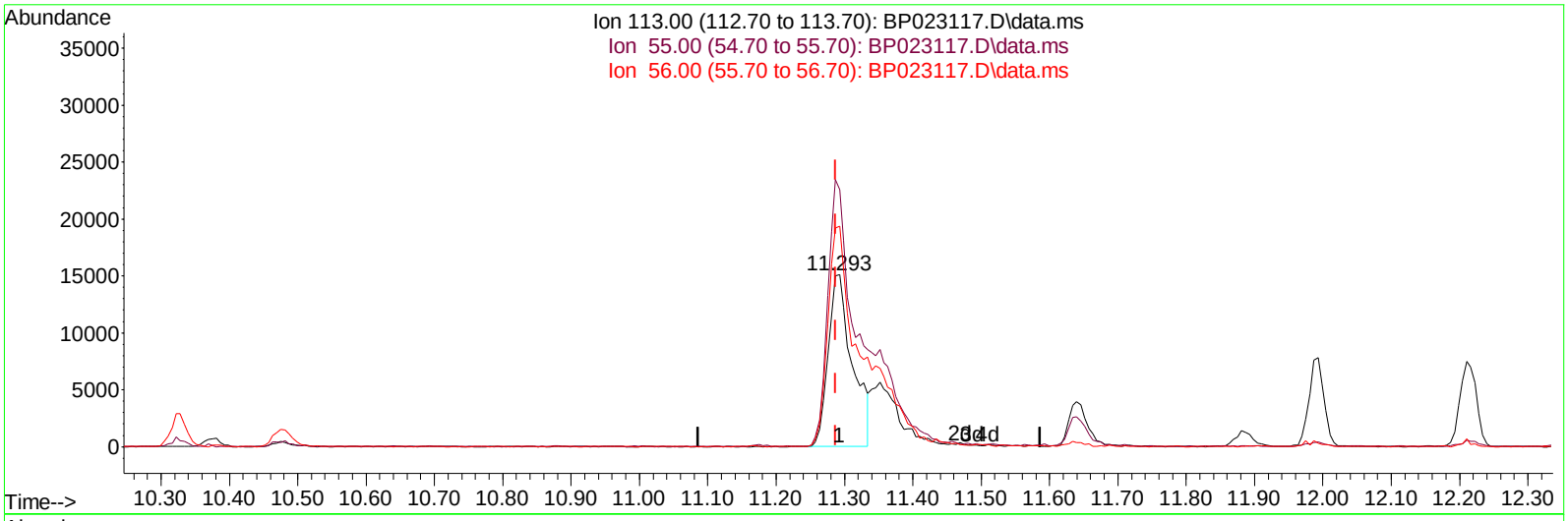
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023117.D
Acq On : 14 Nov 2024 23:10
Operator : RC/JU
Sample : PB164929BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

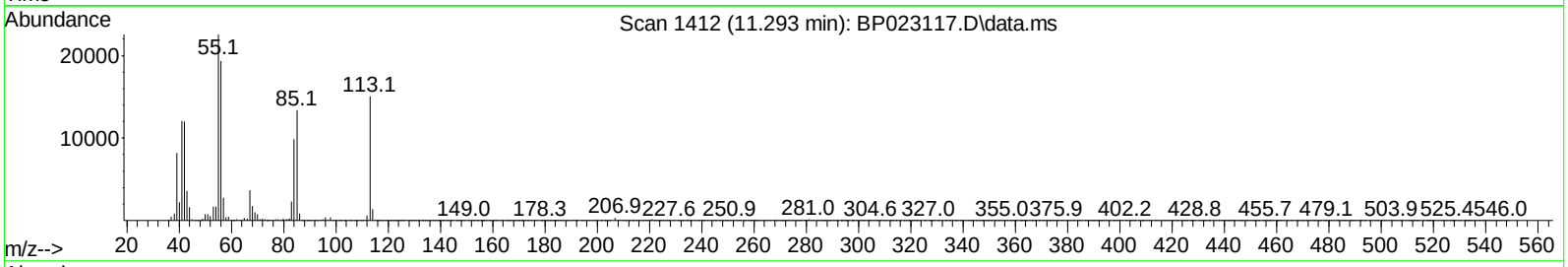
Quant Time: Nov 15 00:59:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

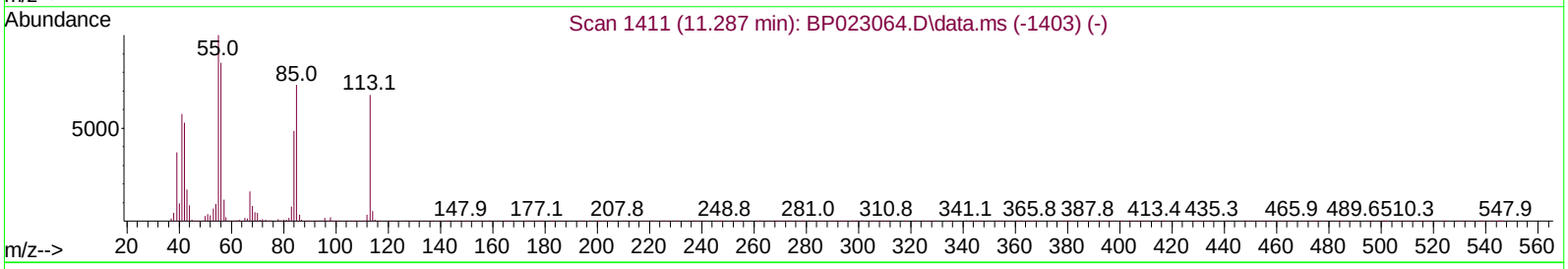
Instrument :
BNA_P
ClientSampleId :
SLCS929

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024







TIC: BP023117.D\data.ms

(34) Caprolactam

11.293min (+ 0.006) 21.99 ng/ul

response 37292

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	149.43
56.00	124.80	128.29
0.00	0.00	0.00

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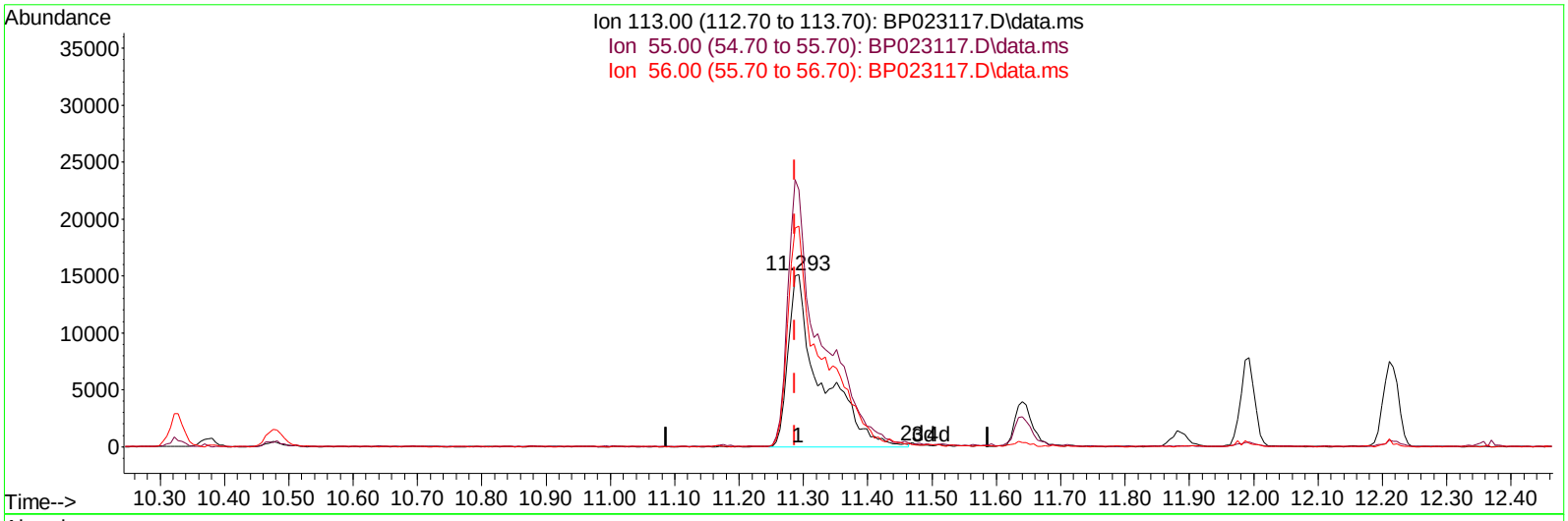

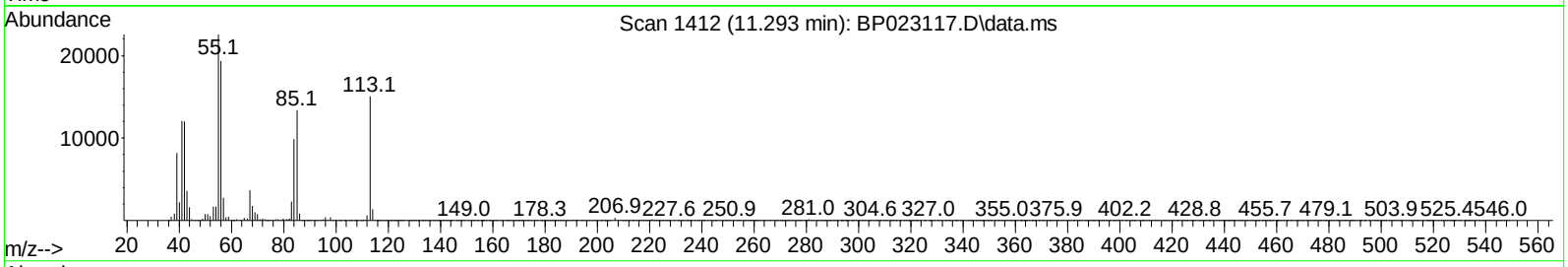

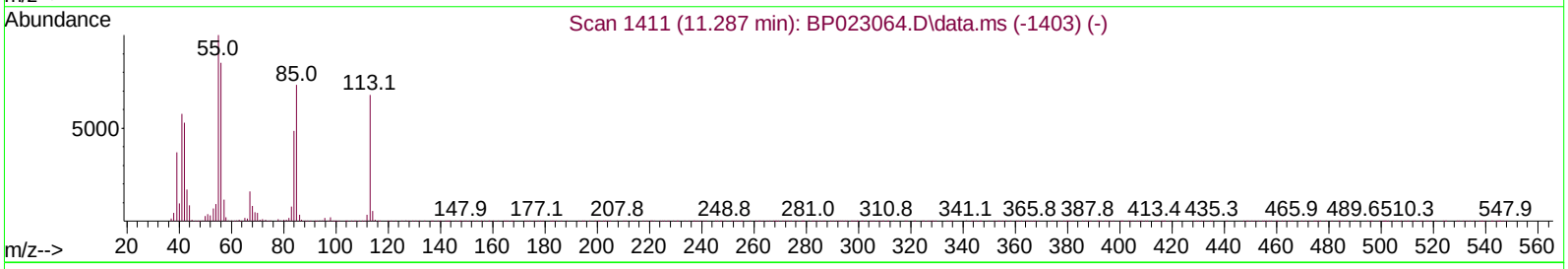

TIC: BP023117.D\data.ms

(34) Caprolactam

11.293min (+ 0.006) 31.51 ng/ul m

response 53454

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	149.43
56.00	124.80	128.29
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	7.581	152	82711	20.000	ng/ul	0.00
20) Naphthalene-d8	10.328	136	331230	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.193	164	277614	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.004	188	738610	20.000	ng/ul	-0.01
79) Chrysene-d12	21.445	240	833556	20.000	ng/ul	0.00
88) Perylene-d12	24.663	264	961762	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	10857	6.310	ng/uL	0.00
4) Pyridine-d5	3.546	84	146151	28.588	ng/ul	0.00
7) Phenol-d5	6.781	99	199523	32.628	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	111319	30.985	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	147609	32.959	ng/ul	0.00
15) 4-Methylphenol-d8	8.293	113	161804	32.154	ng/ul	0.00
21) Nitrobenzene-d5	8.722	128	75371	32.686	ng/ul	0.00
24) 2-Nitrophenol-d4	9.434	143	90581	32.950	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	196543	34.139	ng/ul	0.00
31) 4-Chloroaniline-d4	10.475	131	191520	27.885	ng/ul	0.00
46) Dimethylphthalate-d6	13.610	166	667136	33.343	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	702159	33.632	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.451	143	101503	33.757	ng/ul	0.00
60) Fluorene-d10	15.210	176	606896	34.596	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	144114	32.571	ng/ul	0.00
73) Anthracene-d10	17.098	188	1025656	32.796	ng/ul	-0.02
81) Pyrene-d10	19.498	212	1356668	35.335	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.439	264	1633454	35.655	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	20127	10.123	ng/uL	93
5) Pyridine	3.564	79	143929	28.033	ng/ul	97
6) Benzaldehyde	6.752	77	76349	21.696	ng/ul	96
8) Phenol	6.811	94	200494	31.398	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.017	93	144412	30.095	ng/ul	97
12) 2-Chlorophenol	7.158	128	148497	31.937	ng/ul	96
13) 2-Methylphenol	8.028	108	145475	30.520	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.087	45	167468	30.829	ng/ul	97
16) Acetophenone	8.393	105	257115	30.406	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.381	70	132280	31.329	ng/ul	99
18) 4-Methylphenol	8.358	108	161115	30.602	ng/ul	98
19) Hexachloroethane	8.628	117	65800	29.261	ng/ul	91
22) Nitrobenzene	8.763	77	208832	31.562	ng/ul	96
23) Isophorone	9.281	82	372283	31.467	ng/ul	98
25) 2-Nitrophenol	9.469	139	91682	31.597	ng/ul	95
26) 2,4-Dimethylphenol	9.528	107	152519	24.342	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.758	93	203557	31.270	ng/ul	98
29) 2,4-Dichlorophenol	9.999	162	183621	32.200	ng/ul	100
30) Naphthalene	10.375	128	489942	30.447	ng/ul	98
32) 4-Chloroaniline	10.505	127	144322	21.689	ng/ul	97
33) Hexachlorobutadiene	10.652	225	153809	29.809	ng/ul	97
34) Caprolactam	11.293	113	53454m	31.515	ng/ul	
35) 4-Chloro-3-methylphenol	11.640	107	204070	33.265	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.993	142	386241	31.793	ng/ul	98
37) 1-Methylnaphthalene	12.210	142	377961	30.433	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.363	216	298155	31.812	ng/ul	96
40) Hexachlorocyclopentadiene	12.340	237	114157	23.190	ng/ul	99
41) 2,4,6-Trichlorophenol	12.628	196	176859	30.990	ng/ul	97
42) 2,4,5-Trichlorophenol	12.704	196	197100	32.036	ng/ul	97
43) 1,1'-Biphenyl	13.022	154	559950	31.478	ng/ul	98
44) 2-Chloronaphthalene	13.057	162	463242	31.857	ng/ul	99
45) 2-Nitroaniline	13.281	65	142614	34.928	ng/ul	94
47) Dimethylphthalate	13.657	163	638883	32.377	ng/ul	99
48) 2,6-Dinitrotoluene	13.787	165	133324	34.735	ng/ul	97
50) Acenaphthylene	13.910	152	699779	33.159	ng/ul	99
51) 3-Nitroaniline	14.128	138	113294	34.269	ng/ul	97
52) Acenaphthene	14.257	153	489371	31.941	ng/ul	99
53) 2,4-Dinitrophenol	14.357	184	82391	30.252	ng/ul	94
55) 4-Nitrophenol	14.463	109	114662	32.593	ng/ul	97
56) Dibenzofuran	14.598	168	759111	32.068	ng/ul	97
57) 2,4-Dinitrotoluene	14.593	165	210379	34.390	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	14.846	232	180968	30.091	ng/ul	98
59) Diethylphthalate	15.046	149	636148	32.597	ng/ul	99
61) Fluorene	15.257	166	635059	32.778	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.257	204	371780	32.589	ng/ul	98
63) 4-Nitroaniline	15.316	138	118264	38.444	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.387	198	149258	31.579	ng/ul#	97
67) N-Nitrosodiphenylamine	15.487	169	554903	32.513	ng/ul	99
68) 4-Bromophenyl-phenylether	16.181	248	270069	32.290	ng/ul	96
69) Hexachlorobenzene	16.287	284	341545	32.438	ng/ul	97
70) Atrazine	16.469	200	104611	12.680	ng/ul	97
71) Pentachlorophenol	16.651	266	167975	25.696	ng/ul	97
72) Phenanthrene	17.045	178	1132136	32.464	ng/ul	99
74) Anthracene	17.140	178	1102000	31.430	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.981	216	293678	30.115	ng/uL	97
76) Pentachlorobenzene	14.522	250	336458	30.216	ng/uL	97
77) Carbazole	17.428	167	997978	32.624	ng/ul	100
78) Di-n-butylphthalate	18.010	149	1129190	33.264	ng/ul	100
80) Fluoranthene	19.151	202	1527531	34.534	ng/ul	100
82) Pyrene	19.528	202	1598190	33.634	ng/ul	99
83) Butylbenzylphthalate	20.475	149	547148	34.974	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.345	252	588689	31.463	ng/ul	99
85) Benzo(a)anthracene	21.422	228	1705347	33.505	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	783263	35.231	ng/ul	97
87) Chrysene	21.486	228	1585755	33.111	ng/ul	99
89) Di-n-octyl phthalate	22.575	149	1351598	34.640	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	1875140	35.029	ng/ul	99
91) Benzo(k)fluoranthene	23.710	252	1782039	33.816	ng/ul#	98
93) Benzo(a)pyrene	24.510	252	1608492	33.239	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.298	276	2166236	32.130	ng/ul	98
95) Dibenzo(a,h)anthracene	28.357	278	1757015	32.096	ng/ul	98
96) Benzo(g,h,i)perylene	29.433	276	1698511	33.168	ng/ul	97

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

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