Quantitation Report (Qedit)

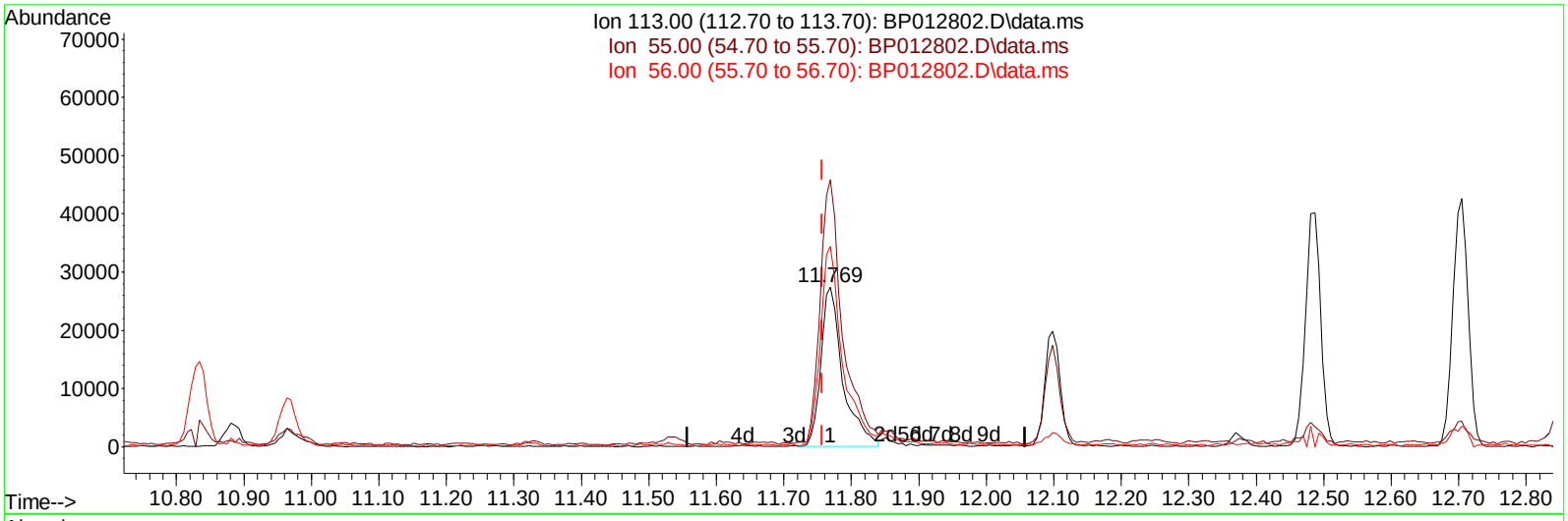
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012802.D
Acq On : 27 Nov 2022 11:46
Operator : CG/JU
Sample : N5683-03MS
Misc :
ALS Vial : 77 Sample Multiplier: 1

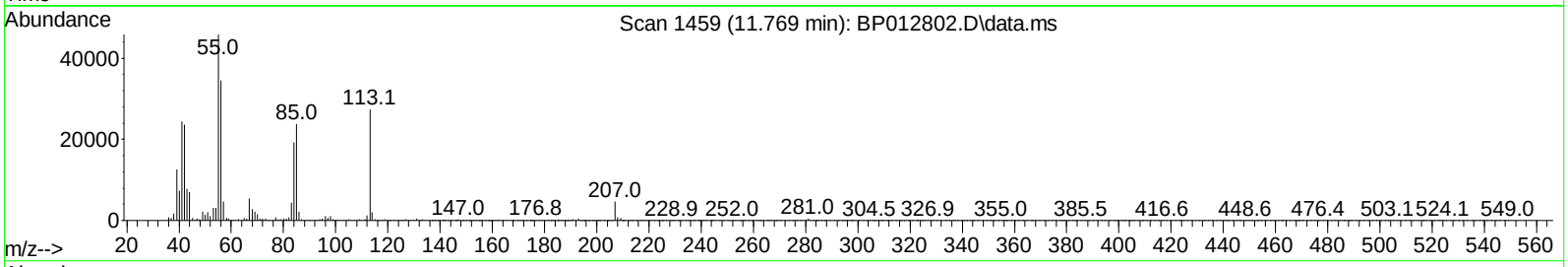
Quant Time: Nov 27 23:07:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration

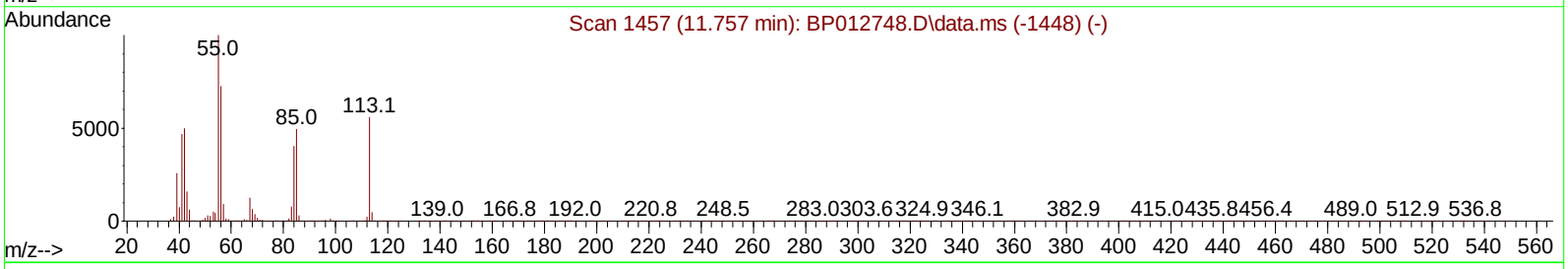
Instrument :
BNA_P
ClientSampleId :
ESQW0MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/28/2022
Supervised By :mohammad ahmed 11/30/2022







TIC: BP012802.D\data.ms

(34) Caprolactam

11.769min (+ 0.012) 5.32 ng/ul

response 61770

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	167.28
56.00	133.90	125.72
0.00	0.00	0.00

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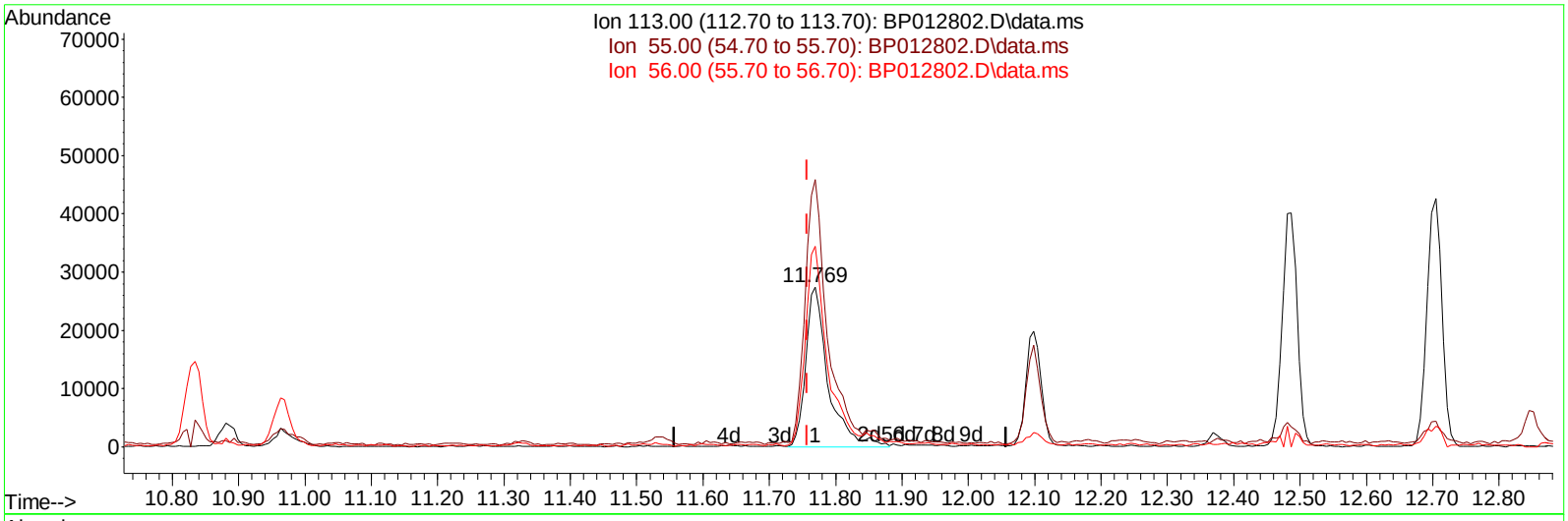

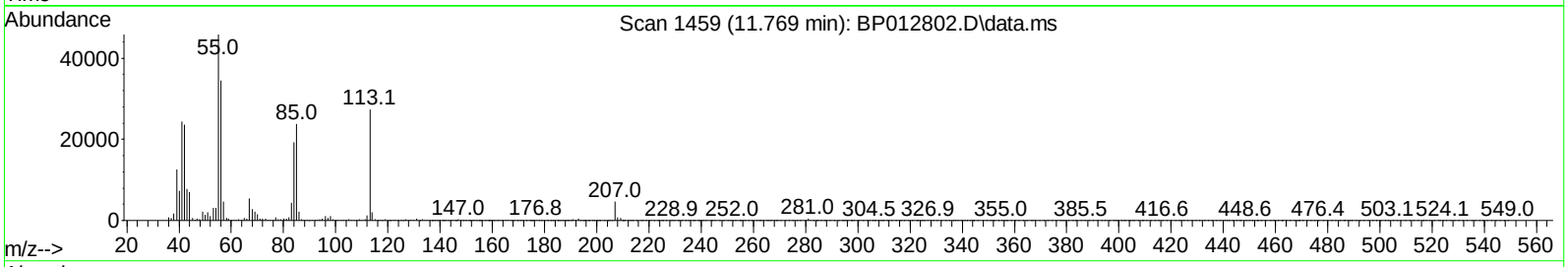

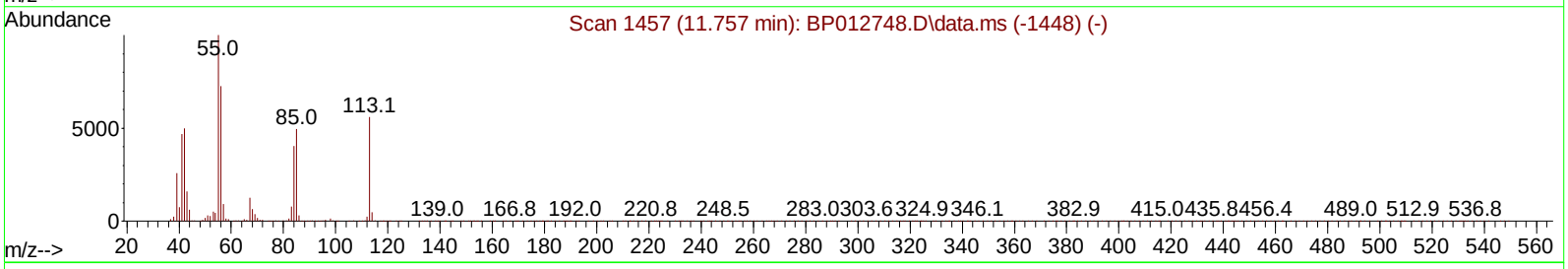

TIC: BP012802.D\data.ms

(34) Caprolactam

11.769min (+ 0.012) 5.54 ng/ul m

response 64296

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	167.28
56.00	133.90	125.72
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	8.016	152	520766	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	2404909	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1614984	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	3571288	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	3648315	20.000	ng/ul	0.00
88) Perylene-d12	24.016	264	3786396	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	47152	3.880	ng/uL	0.00
4) Pyridine-d5	3.817	84	407536	11.206	ng/ul	0.00
7) Phenol-d5	7.164	99	327429	7.651	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	896777	34.009	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	879948	26.986	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	612388	17.761	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	600641	40.806	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	625245	40.005	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	1156708	31.719	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1419059	28.417	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	4410854	39.679	ng/ul	0.00
49) Acenaphthylene-d8	14.346	160	4768779	36.767	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	188220	9.497	ng/ul	0.00
60) Fluorene-d10	15.645	176	3792895	38.960	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	748377	43.844	ng/ul	0.00
73) Anthracene-d10	17.510	188	6208642	39.494	ng/ul	0.00
81) Pyrene-d10	19.733	212	7430387	35.051	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.851	264	7643594	41.098	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	63076	4.833	ng/uL	97
5) Pyridine	3.840	79	426801	11.994	ng/ul	99
6) Benzaldehyde	7.146	77	826012	39.533	ng/ul	99
8) Phenol	7.193	94	345464	7.699	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.434	93	1189478	32.354	ng/ul	99
12) 2-Chlorophenol	7.575	128	892519	25.163	ng/ul	100
13) 2-Methylphenol	8.452	108	693074	19.874	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1668208	31.458	ng/ul	99
16) Acetophenone	8.846	105	1895430	34.685	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.828	70	928494	34.491	ng/ul	97
18) 4-Methylphenol	8.781	108	675935	17.599	ng/ul	99
19) Hexachloroethane	9.105	117	427910	31.459	ng/ul	96
22) Nitrobenzene	9.228	77	1358401	35.187	ng/ul	99
23) Isophorone	9.752	82	2765701	32.497	ng/ul	99
25) 2-Nitrophenol	9.940	139	677819	36.130	ng/ul	96
26) 2,4-Dimethylphenol	9.993	107	970643	23.284	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.234	93	1697397	32.531	ng/ul	100
29) 2,4-Dichlorophenol	10.475	162	1116962	29.567	ng/ul	99
30) Naphthalene	10.881	128	4077457	32.379	ng/ul	100
32) 4-Chloroaniline	10.987	127	1484000	28.936	ng/ul	99
33) Hexachlorobutadiene	11.169	225	792835	31.509	ng/ul	99
34) Caprolactam	11.769	113	64296m	5.543	ng/ul	
35) 4-Chloro-3-methylphenol	12.099	107	1098502	28.715	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.487	142	2924391	33.723	ng/ul	98
37) 1-Methylnaphthalene	12.704	142	2940490	33.834	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.852	216	1659423	32.222	ng/ul	98
40) Hexachlorocyclopentadiene	12.828	237	681349	27.458	ng/ul	100
41) 2,4,6-Trichlorophenol	13.081	196	1075839	33.387	ng/ul	100
42) 2,4,5-Trichlorophenol	13.151	196	1174315	33.901	ng/ul	99
43) 1,1'-Biphenyl	13.487	154	3896657	33.122	ng/ul	100
44) 2-Chloronaphthalene	13.534	162	3116683	33.115	ng/ul	99
45) 2-Nitroaniline	13.734	65	862581	46.842	ng/ul	100
47) Dimethylphthalate	14.104	163	4328265	37.145	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	868114	47.604	ng/ul	96
50) Acenaphthylene	14.375	152	4875941	34.380	ng/ul	99
51) 3-Nitroaniline	14.551	138	841047	39.823	ng/ul	97
52) Acenaphthene	14.716	153	3414558	34.197	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	477731	40.768	ng/ul	94
55) 4-Nitrophenol	14.846	109	134106	9.314	ng/ul	95
56) Dibenzofuran	15.051	168	4895631	35.571	ng/ul	99
57) 2,4-Dinitrotoluene	15.010	165	1290853	47.968	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.275	232	1126955	37.746	ng/ul	97
59) Diethylphthalate	15.469	149	4359190	38.647	ng/ul	99
61) Fluorene	15.704	166	4011394	36.345	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.693	204	2072101	36.184	ng/ul	99
63) 4-Nitroaniline	15.716	138	864299	48.015	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.775	198	756483	41.289	ng/ul#	92
67) N-Nitrosodiphenylamine	15.904	169	3629949	35.764	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	1198119	34.087	ng/ul	99
69) Hexachlorobenzene	16.710	284	1659694	37.047	ng/ul	96
70) Atrazine	16.863	200	1302330	37.398	ng/ul	99
71) Pentachlorophenol	17.051	266	942103	34.244	ng/ul	98
72) Phenanthrene	17.451	178	6991761	36.734	ng/ul	99
74) Anthracene	17.545	178	6946440	36.890	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	1683661	30.495	ng/uL	100
76) Pentachlorobenzene	14.969	250	1746940	30.438	ng/uL	100
77) Carbazole	17.810	167	6492654	40.758	ng/ul	99
78) Di-n-butylphthalate	18.357	149	7612652	40.369	ng/ul	99
80) Fluoranthene	19.410	202	8481222	32.165	ng/ul	99
82) Pyrene	19.763	202	8669497	31.789	ng/ul	98
83) Butylbenzylphthalate	20.633	149	3273582	51.295	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.404	252	2820292	42.096	ng/ul	100
85) Benzo(a)anthracene	21.480	228	8830276	34.994	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	4806064	49.244	ng/ul	100
87) Chrysene	21.539	228	8223907	33.707	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	8427572	38.976	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	9450442	33.705	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	8941063	31.946	ng/ul	99
93) Benzo(a)pyrene	23.904	252	8158252	35.384	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.663	276	9735412	43.766	ng/ul	99
95) Dibenzo(a,h)anthracene	26.680	278	8595263	42.584	ng/ul	99
96) Benzo(g,h,i)perylene	27.468	276	8189816	42.805	ng/ul	99

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

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