Quantitation Report (Qedit)

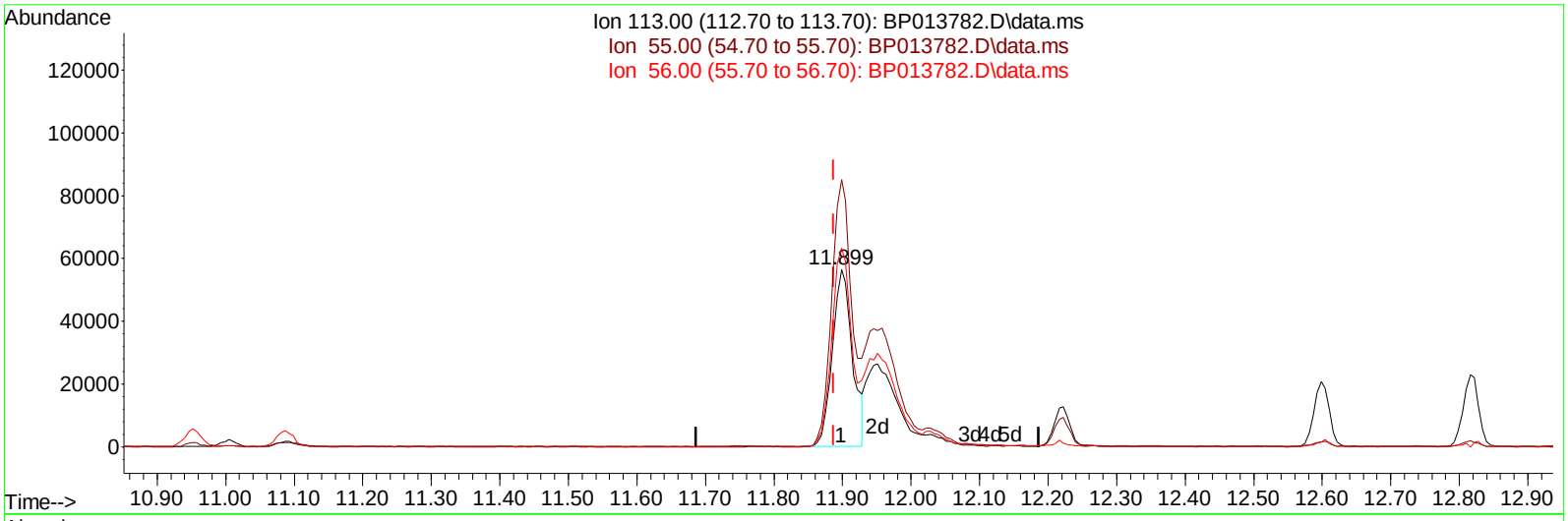
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020723\
Data File : BP013782.D
Acq On : 07 Feb 2023 17:32
Operator : CG/JU
Sample : SSTD04032
Misc :
ALS Vial : 5 Sample Multiplier: 1

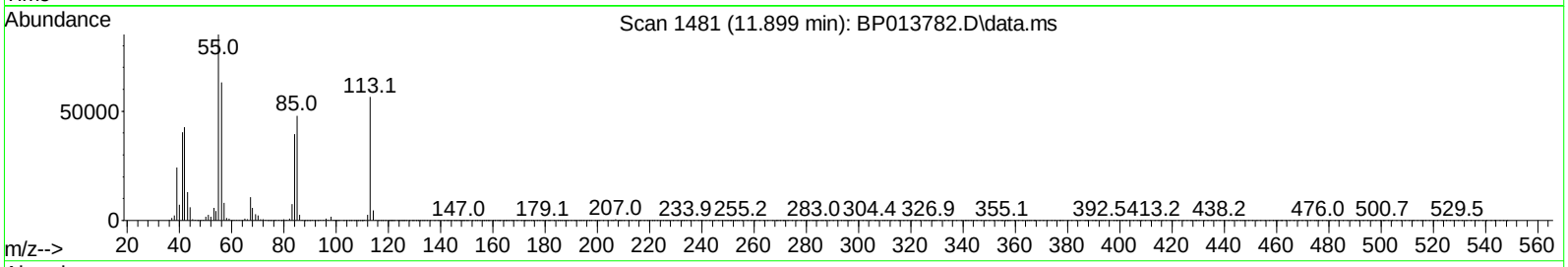
Quant Time: Feb 08 00:03:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 07 23:57:24 2023
Response via : Initial Calibration

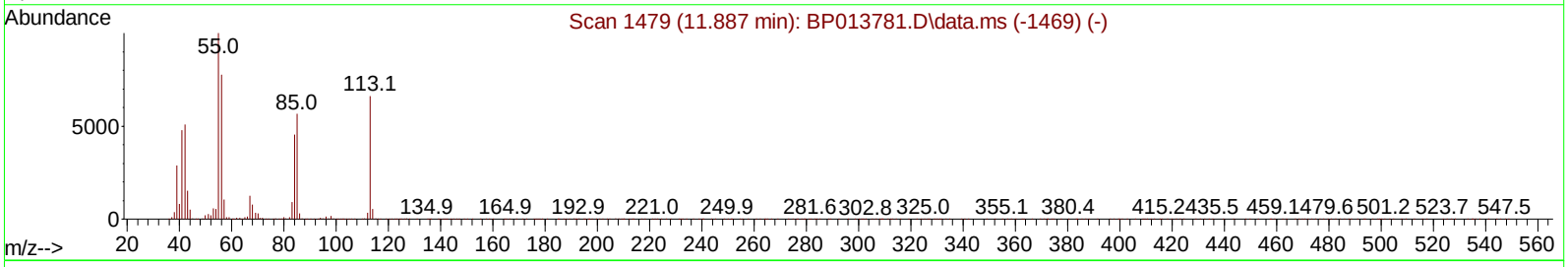
Instrument :
BNA_P
ClientSampleId :
SSTD040613

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023







TIC: BP013782.D\data.ms

(34) Caprolactam

11.899min (+ 0.012) 23.51 ng/ul

response 113974

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.10	150.64
56.00	117.30	111.97
0.00	0.00	0.00

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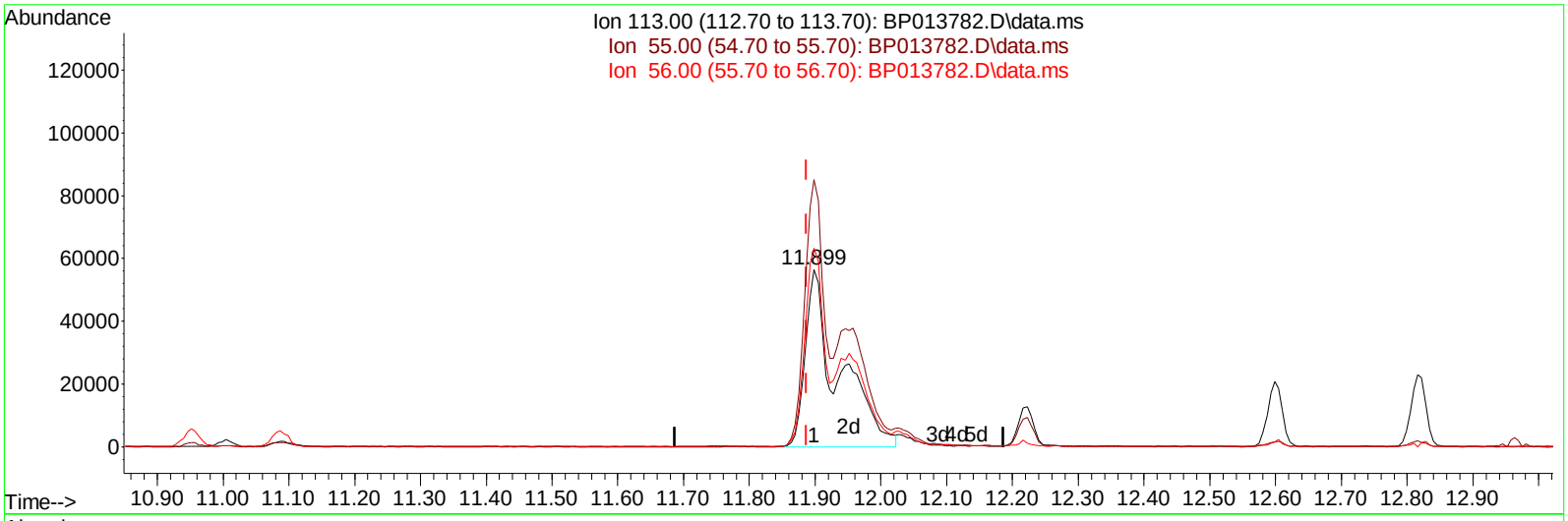

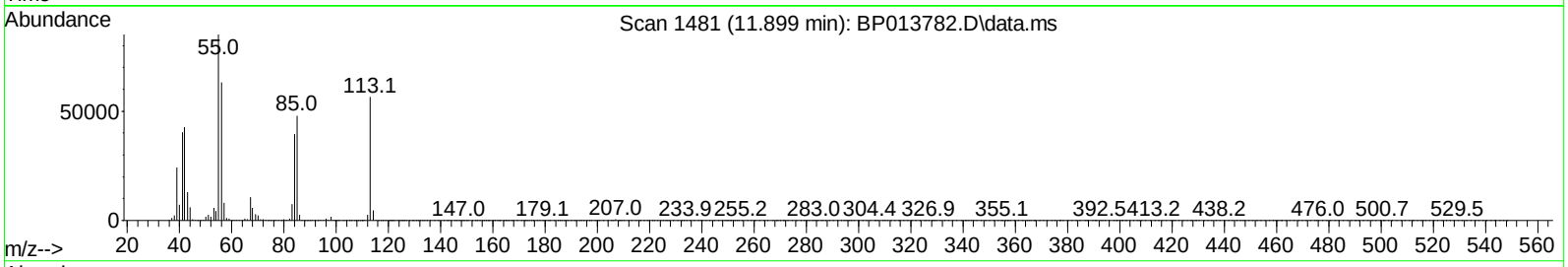

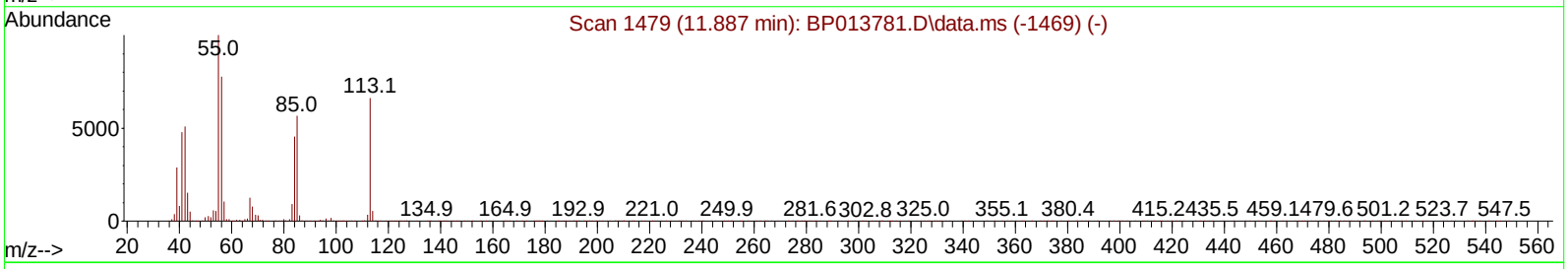

TIC: BP013782.D\data.ms

(34) Caprolactam

11.899min (+ 0.012) 40.63 ng/ul m

response 197006

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.10	150.64
56.00	117.30	111.97
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	8.122	152	189779	20.000	ng/ul	0.00
20) Naphthalene-d8	10.951	136	852294	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	591943	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1406550	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1402509	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1371625	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	72540	16.206	ng/uL	0.00
4) Pyridine-d5	3.899	84	545800	42.497	ng/ul	0.00
7) Phenol-d5	7.269	99	688912	41.303	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	402589	41.154	ng/ul	0.00
11) 2-Chlorophenol-d4	7.652	132	526688	43.077	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	571195	42.958	ng/ul	0.00
21) Nitrobenzene-d5	9.299	128	262095	48.206	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	307731	48.567	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	590354	39.842	ng/ul	0.00
31) 4-Chloroaniline-d4	11.087	131	803051	41.036	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	1896361	40.642	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	2106154	40.854	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	350921	44.619	ng/ul	0.00
60) Fluorene-d10	15.751	176	1589574	39.523	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	361048	45.806	ng/ul	0.00
73) Anthracene-d10	17.616	188	2581369	39.372	ng/ul	0.00
81) Pyrene-d10	19.833	212	3165479	40.467	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	2832237	40.449	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	76361	16.370	ng/uL	97
5) Pyridine	3.922	79	538991	41.678	ng/ul	97
6) Benzaldehyde	7.258	77	354688	53.036	ng/ul	98
8) Phenol	7.299	94	706460	41.387	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.540	93	566845	41.325	ng/ul	96
12) 2-Chlorophenol	7.681	128	535694	43.246	ng/ul	99
13) 2-Methylphenol	8.563	108	544423	41.773	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.652	45	652022	40.149	ng/ul	98
16) Acetophenone	8.957	105	911142	43.956	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.946	70	462887	44.578	ng/ul	98
18) 4-Methylphenol	8.899	108	606510	42.850	ng/ul	99
19) Hexachloroethane	9.216	117	213729	44.080	ng/ul	100
22) Nitrobenzene	9.340	77	669253	45.574	ng/ul	100
23) Isophorone	9.875	82	1372957	40.838	ng/ul	100
25) 2-Nitrophenol	10.057	139	325390	46.413	ng/ul	98
26) 2,4-Dimethylphenol	10.110	107	679424	42.892	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.352	93	815185	40.009	ng/ul	99
29) 2,4-Dichlorophenol	10.593	162	568868	39.670	ng/ul	96
30) Naphthalene	11.004	128	1820119	40.406	ng/ul	100
32) 4-Chloroaniline	11.110	127	808216	41.036	ng/ul	99
33) Hexachlorobutadiene	11.287	225	382902	37.861	ng/ul	98
34) Caprolactam	11.899	113	197006m	40.632	ng/ul	
35) 4-Chloro-3-methylphenol	12.222	107	668371	43.516	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36)	2-Methylnaphthalene	12.598	142	1289051	40.202 ng/ul	97
37)	1-Methylnaphthalene	12.816	142	1315281	40.615 ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.963	216	764944	39.121 ng/ul	100
40)	Hexachlorocyclopentadiene	12.940	237	483548	43.983 ng/ul	100
41)	2,4,6-Trichlorophenol	13.198	196	521767	40.282 ng/ul	97
42)	2,4,5-Trichlorophenol	13.269	196	571346	40.474 ng/ul	99
43)	1,1'-Biphenyl	13.598	154	1797053	40.097 ng/ul	100
44)	2-Chloronaphthalene	13.645	162	1422517	40.119 ng/ul	99
45)	2-Nitroaniline	13.845	65	392606	58.168 ng/ul	94
47)	Dimethylphthalate	14.210	163	1871653	40.715 ng/ul	99
48)	2,6-Dinitrotoluene	14.334	165	374824	57.215 ng/ul	99
50)	Acenaphthylene	14.487	152	2227047	40.968 ng/ul	99
51)	3-Nitroaniline	14.663	138	348932	50.391 ng/ul	98
52)	Acenaphthene	14.828	153	1524461	40.807 ng/ul	99
53)	2,4-Dinitrophenol	14.869	184	239664	47.101 ng/ul	95
55)	4-Nitrophenol	14.963	109	300431	50.111 ng/ul	99
56)	Dibenzofuran	15.157	168	2164779	39.893 ng/ul	98
57)	2,4-Dinitrotoluene	15.122	165	549750	53.428 ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.381	232	523258	39.440 ng/ul#	99
59)	Diethylphthalate	15.575	149	1883218	42.673 ng/ul	99
61)	Fluorene	15.810	166	1749879	39.625 ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.798	204	913198	37.956 ng/ul	98
63)	4-Nitroaniline	15.834	138	340512	52.518 ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.881	198	354515	45.193 ng/ul	99
67)	N-Nitrosodiphenylamine	16.010	169	1534586	40.421 ng/ul	100
68)	4-Bromophenyl-phenylether	16.692	248	607929	37.989 ng/ul	98
69)	Hexachlorobenzene	16.816	284	694663	37.001 ng/ul	99
70)	Atrazine	16.963	200	627877	41.092 ng/ul	99
71)	Pentachlorophenol	17.157	266	458654	38.275 ng/ul	100
72)	Phenanthrene	17.557	178	2946416	39.657 ng/ul	99
74)	Anthracene	17.651	178	2971032	39.481 ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.563	216	772030	38.528 ng/uL	99
76)	Pentachlorobenzene	15.081	250	782724	38.101 ng/uL	99
77)	Carbazole	17.916	167	2700961	41.372 ng/ul	99
78)	Di-n-butylphthalate	18.445	149	3298834	42.766 ng/ul	99
80)	Fluoranthene	19.510	202	3697268	40.551 ng/ul	98
82)	Pyrene	19.863	202	3767206	40.413 ng/ul	97
83)	Butylbenzylphthalate	20.716	149	1446843	54.023 ng/ul	96
84)	3,3'-Dichlorobenzidine	21.498	252	1335362	41.920 ng/ul	99
85)	Benzo(a)anthracene	21.574	228	3894447	40.390 ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.474	149	2263329	49.292 ng/ul	98
87)	Chrysene	21.633	228	3667228	40.398 ng/ul	99
89)	Di-n-octyl phthalate	22.451	149	3861475	53.444 ng/ul	100
90)	Benzo(b)fluoranthene	23.369	252	3736835	41.734 ng/ul	99
91)	Benzo(k)fluoranthene	23.421	252	3779154	44.161 ng/ul	99
93)	Benzo(a)pyrene	24.045	252	3187634	41.237 ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.868	276	3421351	35.724 ng/ul	99
95)	Dibenzo(a,h)anthracene	26.886	278	2866015	36.097 ng/ul	99
96)	Benzo(g,h,i)perylene	27.704	276	2697106	35.597 ng/ul	100

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

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