Quantitation Report (Qedit)

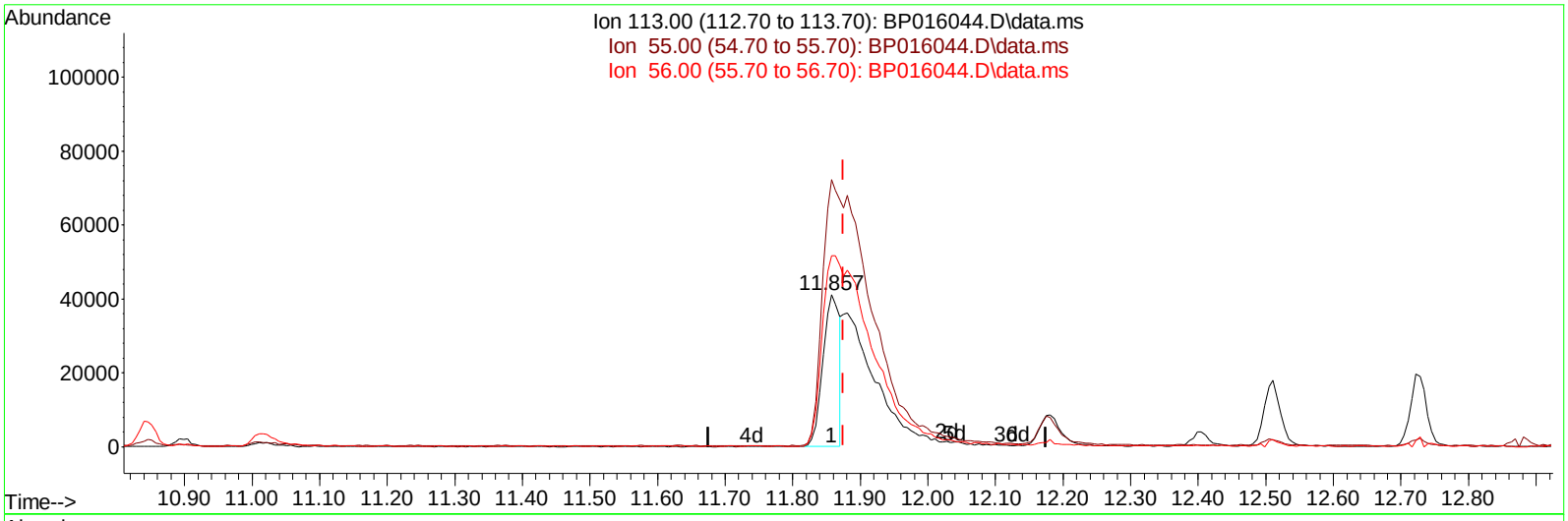
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
Data File : BP016044.D
Acq On : 06 Jul 2023 22:03
Operator : MA/JU
Sample : PB153518BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

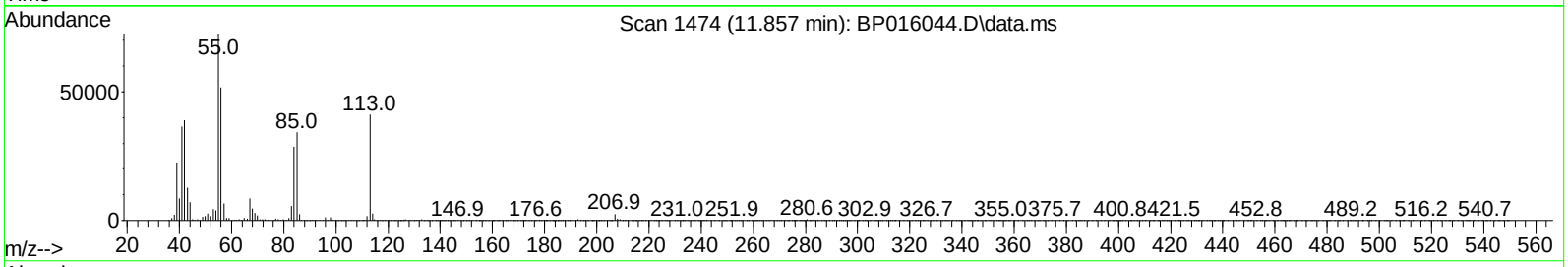
Quant Time: Jul 06 23:32:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 06 23:18:26 2023
Response via : Initial Calibration

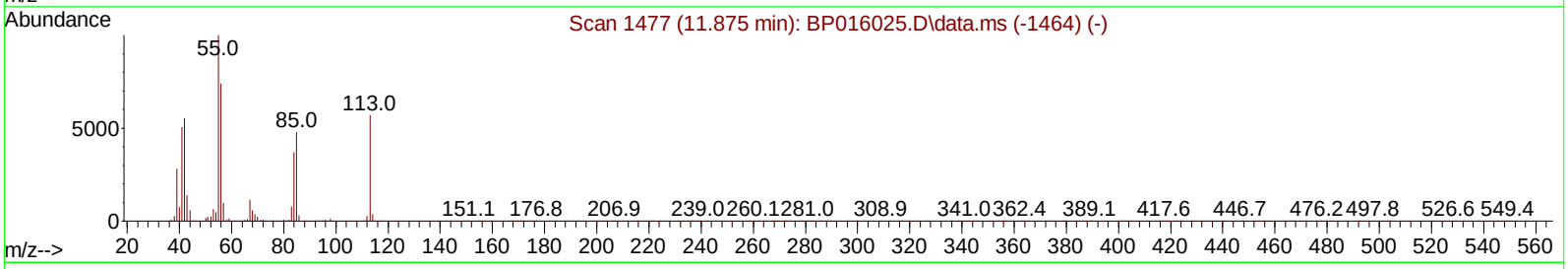
Instrument :
BNA_P
ClientSampleId :
SLCS518

Manual IntegrationsAPPROVED

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







TIC: BP016044.D\data.ms

(34) Caprolactam

11.857min (-0.018) 16.02 ng/ul

response 69890

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	175.63
56.00	146.10	125.87
0.00	0.00	0.00

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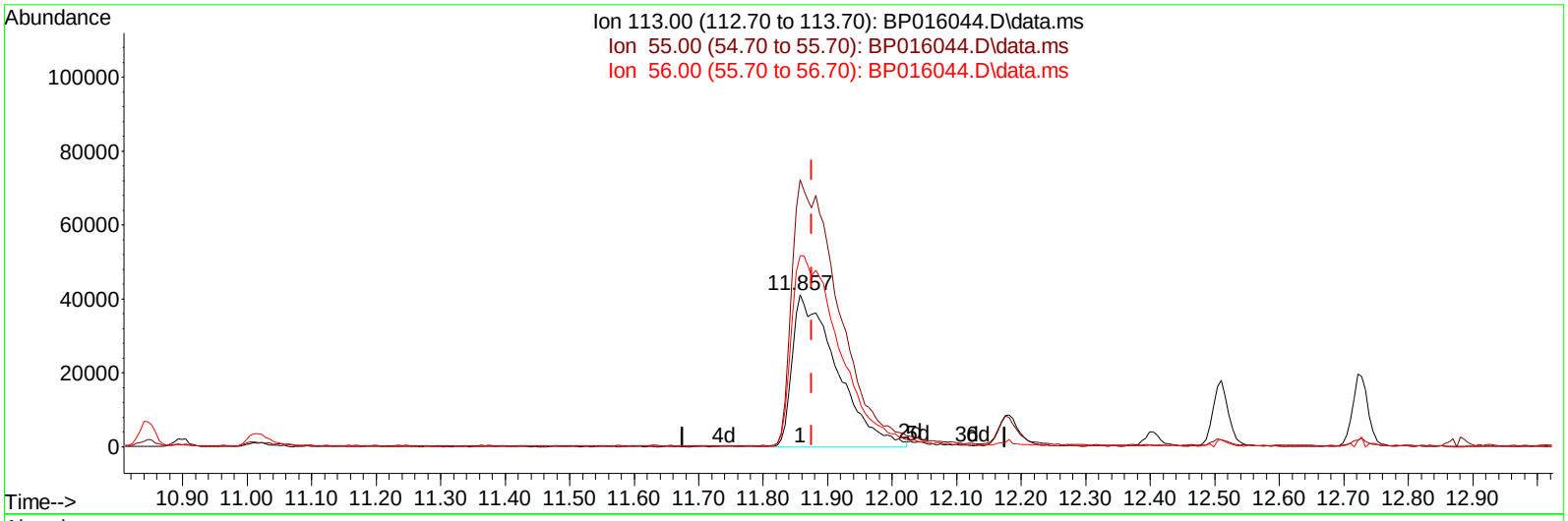

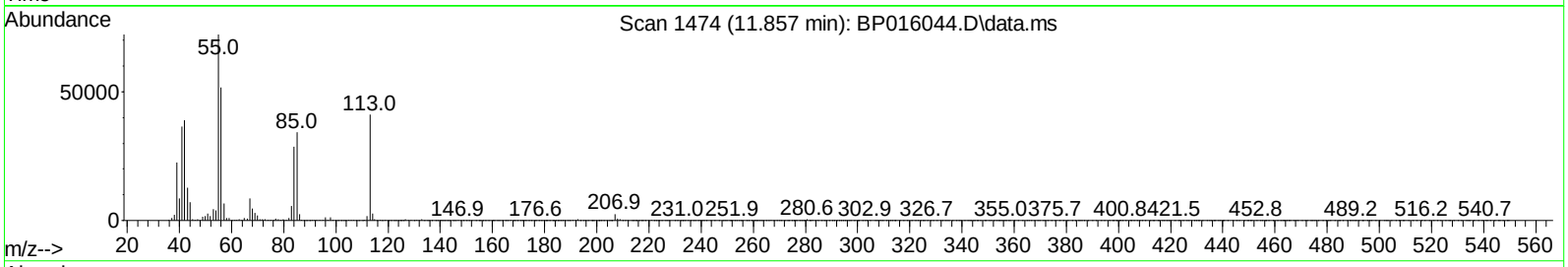

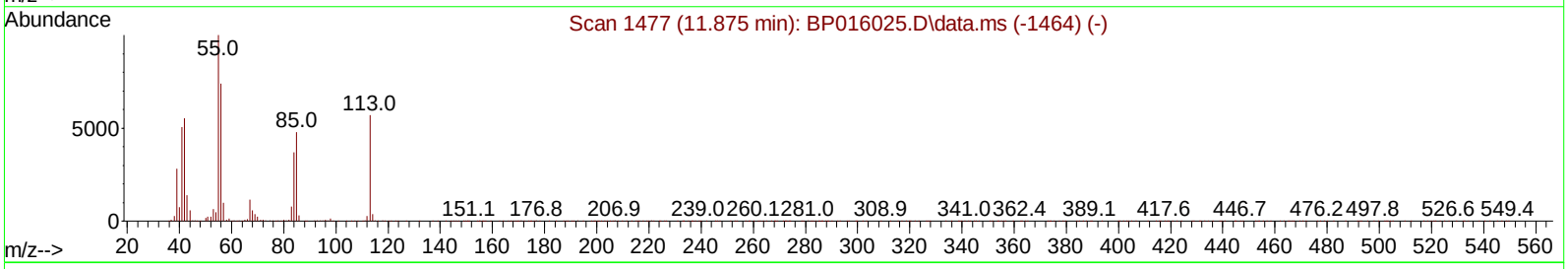

TIC: BP016044.D\data.ms

(34) Caprolactam

11.857min (-0.018) 44.77 ng/ul m

response 195348

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	175.63
56.00	146.10	125.87
0.00	0.00	0.00

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Sample : PB153518BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 07 00:23:01 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 06 23:18:26 2023
Response via : Initial Calibration

Instrument :
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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	8.022	152	212711	20.000	ng/ul	0.00
20) Naphthalene-d8	10.846	136	902607	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.675	164	583449	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1372302	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1403603	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	1501027	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	39978	6.762	ng/uL	0.00
4) Pyridine-d5	3.799	84	479090	32.147	ng/ul	0.00
7) Phenol-d5	7.211	99	670456	36.839	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.352	67	423867	37.644	ng/ul	0.00
11) 2-Chlorophenol-d4	7.558	132	536778	39.071	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	542481	37.731	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	265854	38.541	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	304653	37.841	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	543786	37.903	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	691480	37.520	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	1784166	39.564	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1938316	38.235	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	228169	38.341	ng/ul	-0.02
60) Fluorene-d10	15.669	176	1455478	39.197	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	320906	38.024	ng/ul	0.00
73) Anthracene-d10	17.539	188	2361046	37.666	ng/ul	0.00
81) Pyrene-d10	19.775	212	3022787	32.981	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	3018607	39.866	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	82746	13.005	ng/uL	99
5) Pyridine	3.817	79	500419	32.097	ng/ul	98
6) Benzaldehyde	7.175	77	390639	53.089	ng/ul	95
8) Phenol	7.234	94	702816	37.213	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.446	93	559982	37.266	ng/ul	99
12) 2-Chlorophenol	7.587	128	536034	36.725	ng/ul	99
13) 2-Methylphenol	8.493	108	529995	37.168	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.558	45	807478	39.343	ng/ul	99
16) Acetophenone	8.869	105	865194	36.607	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.846	70	470181	35.819	ng/ul	98
18) 4-Methylphenol	8.834	108	577061	37.664	ng/ul	98
19) Hexachloroethane	9.093	117	233981	34.709	ng/ul	99
22) Nitrobenzene	9.258	77	686294	35.429	ng/ul	95
23) Isophorone	9.781	82	1336711	36.059	ng/ul	98
25) 2-Nitrophenol	9.975	139	314921	36.857	ng/ul	91
26) 2,4-Dimethylphenol	10.034	107	591570	31.495	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.258	93	790325	37.767	ng/ul	99
29) 2,4-Dichlorophenol	10.528	162	533673	37.416	ng/ul	96
30) Naphthalene	10.899	128	1763023	35.930	ng/ul	100
32) 4-Chloroaniline	11.040	127	634742	33.150	ng/ul	97
33) Hexachlorobutadiene	11.157	225	355683	33.021	ng/ul	99
34) Caprolactam	11.857	113	195348m	44.775	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	612622	36.694	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.510	142	1182748	36.616	ng/ul	98
37)	1-Methylnaphthalene	12.728	142	1202373	36.489	ng/ul#	98
39)	1,2,4,5-Tetrachloroben...	12.881	216	684591	35.606	ng/ul	98
40)	Hexachlorocyclopentadiene	12.828	237	148762	25.863	ng/ul	98
41)	2,4,6-Trichlorophenol	13.134	196	431153	35.484	ng/ul	99
42)	2,4,5-Trichlorophenol	13.228	196	481074	37.327	ng/ul	97
43)	1,1'-Biphenyl	13.510	154	1622306	35.105	ng/ul	98
44)	2-Chloronaphthalene	13.557	162	1287114	35.355	ng/ul	97
45)	2-Nitroaniline	13.793	65	440601	38.464	ng/ul	92
47)	Dimethylphthalate	14.134	163	1750583	37.509	ng/ul	99
48)	2,6-Dinitrotoluene	14.281	165	369037	38.982	ng/ul	93
50)	Acenaphthylene	14.398	152	2031861	36.376	ng/ul	99
51)	3-Nitroaniline	14.628	138	350722	47.243	ng/ul	96
52)	Acenaphthene	14.740	153	1407071	36.327	ng/ul	98
53)	2,4-Dinitrophenol	14.869	184	193830	38.592	ng/ul	83
55)	4-Nitrophenol	14.963	109	246436	39.961	ng/ul#	78
56)	Dibenzofuran	15.081	168	1996657	37.133	ng/ul	94
57)	2,4-Dinitrotoluene	15.093	165	536845	41.613	ng/ul#	79
58)	2,3,4,6-Tetrachlorophenol	15.322	232	422386	38.155	ng/ul	95
59)	Diethylphthalate	15.487	149	1796971	38.048	ng/ul	98
61)	Fluorene	15.728	166	1644811	37.713	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.710	204	826881	37.052	ng/ul	92
63)	4-Nitroaniline	15.804	138	343967	67.697	ng/ul#	84
66)	4,6-Dinitro-2-methylph...	15.857	198	318387	37.286	ng/ul	100
67)	N-Nitrosodiphenylamine	15.934	169	1422191	34.618	ng/ul	99
68)	4-Bromophenyl-phenylether	16.610	248	555040	35.419	ng/ul#	87
69)	Hexachlorobenzene	16.740	284	686155	37.108	ng/ul	93
70)	Atrazine	16.898	200	354264	22.528	ng/ul	97
71)	Pentachlorophenol	17.110	266	307750	34.678	ng/ul	98
72)	Phenanthrene	17.481	178	2767168	37.118	ng/ul	99
74)	Anthracene	17.581	178	2769859	36.975	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.481	216	686988	30.765	ng/uL	99
76)	Pentachlorobenzene	14.998	250	728611	32.330	ng/uL	99
77)	Carbazole	17.863	167	2590829	41.034	ng/ul	99
78)	Di-n-butylphthalate	18.369	149	3240710	38.716	ng/ul	99
80)	Fluoranthene	19.445	202	3504303	30.765	ng/ul	97
82)	Pyrene	19.804	202	3649389	31.408	ng/ul#	95
83)	Butylbenzylphthalate	20.645	149	1583307	33.401	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.445	252	1271874	40.085	ng/ul	99
85)	Benzo(a)anthracene	21.516	228	3571860	36.176	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.386	149	2283620	35.054	ng/ul	99
87)	Chrysene	21.575	228	3581817	38.236	ng/ul	99
89)	Di-n-octyl phthalate	22.345	149	3893897	35.497	ng/ul	100
90)	Benzo(b)fluoranthene	23.286	252	3581792	37.137	ng/ul	99
91)	Benzo(k)fluoranthene	23.339	252	3771517	38.703	ng/ul	98
93)	Benzo(a)pyrene	23.963	252	3187471	37.822	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.768	276	3798324	33.201	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.768	278	3175992	33.798	ng/ul	98
96)	Benzo(g,h,i)perylene	27.610	276	2968645	31.542	ng/ul	97

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

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