Quantitation Report (Qedit)

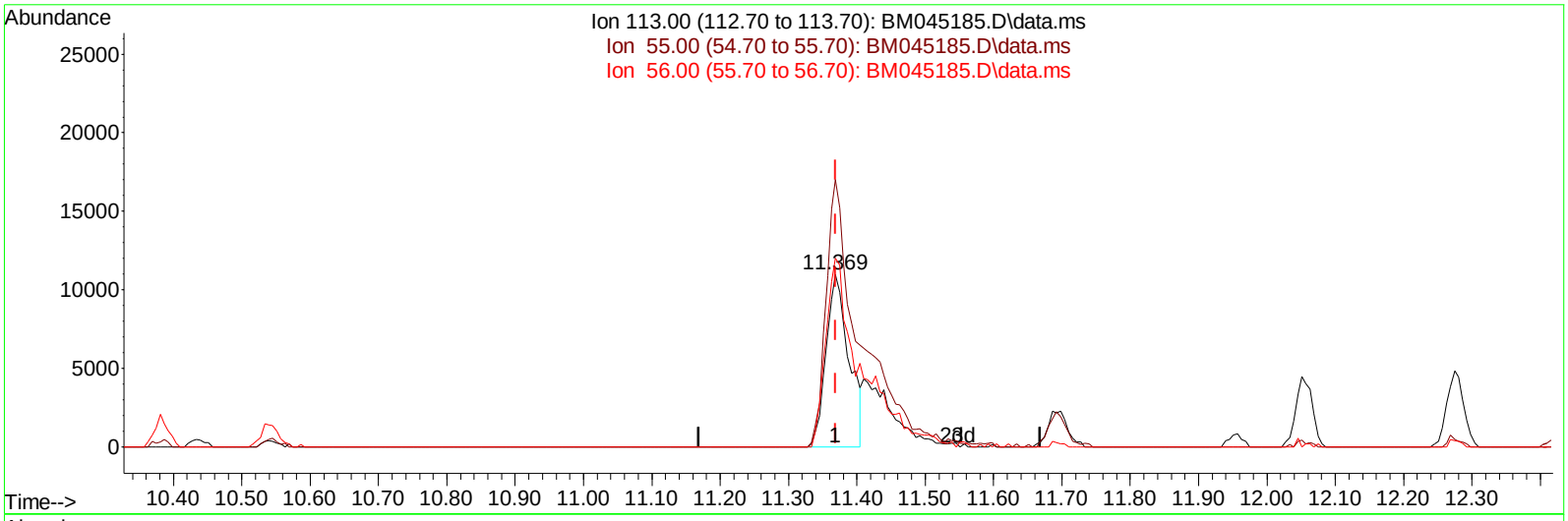
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
Data File : BM045185.D
Acq On : 12 Apr 2024 23:39
Operator : MA/JU
Sample : PB160113BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

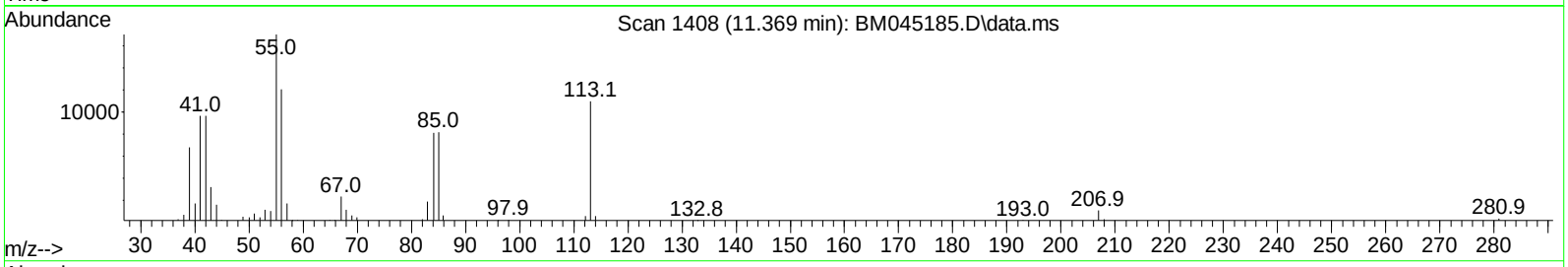
Quant Time: Apr 13 00:17:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 18:54:49 2024
Response via : Initial Calibration

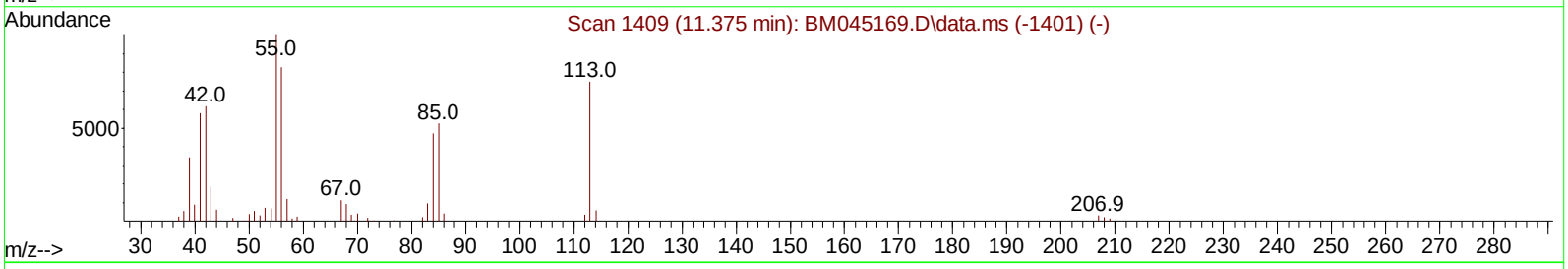
Instrument :
BNA_M
ClientSampleId :
SLCS113

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024







TIC: BM045185.D\data.ms

(34) Caprolactam

11.369min (+ 0.000) 20.00 ng/ul

response 25439

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	154.93
56.00	114.80	109.54
0.00	0.00	0.00

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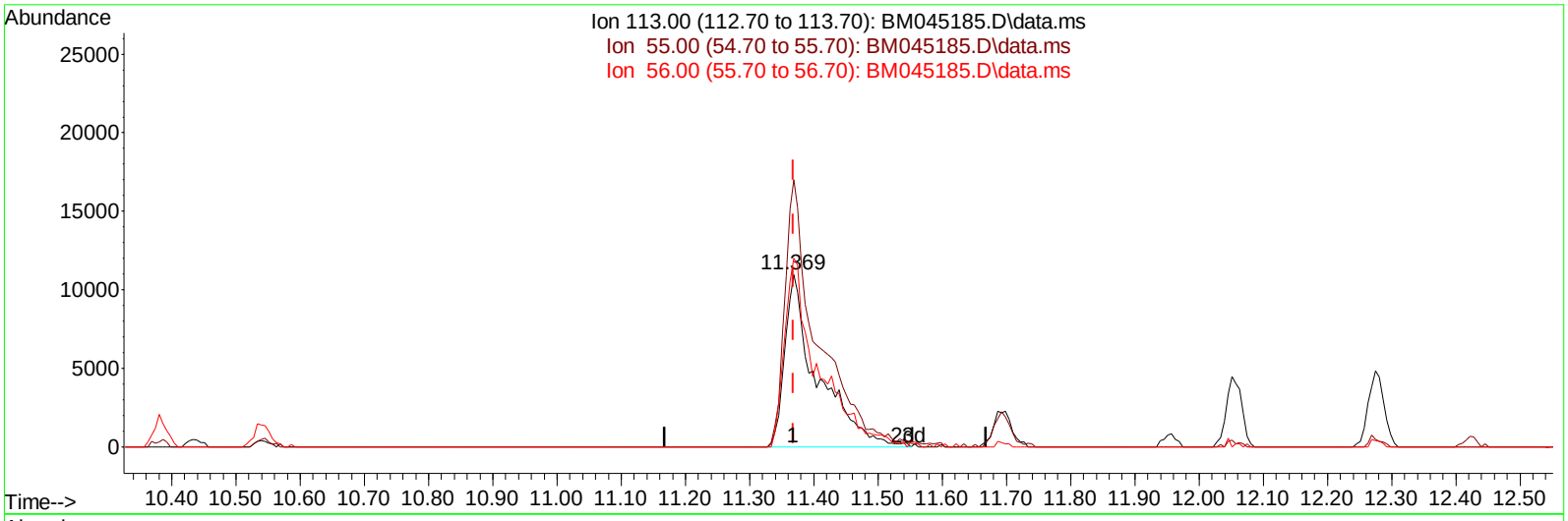

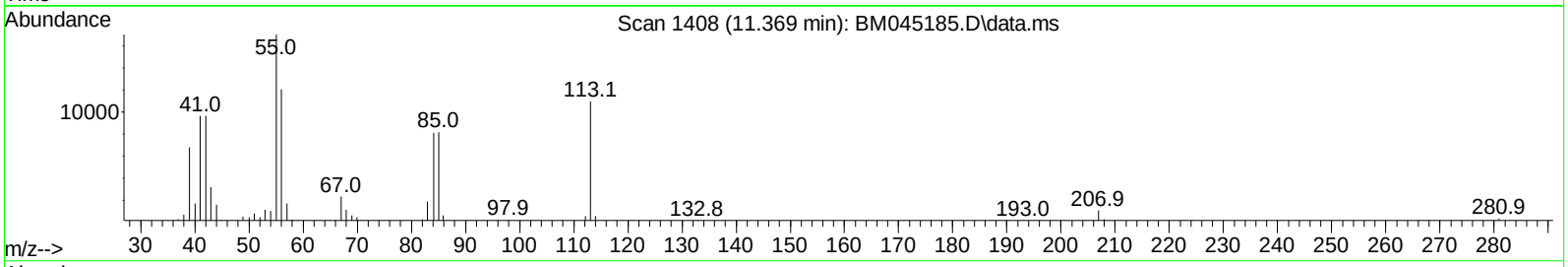

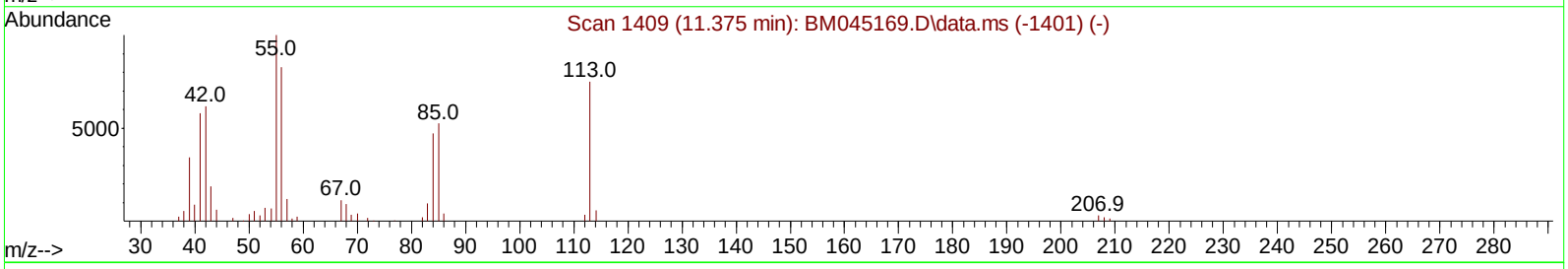

TIC: BM045185.D\data.ms

(34) Caprolactam

11.369min (+ 0.000) 30.54 ng/ul m

response 38844

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	154.93
56.00	114.80	109.54
0.00	0.00	0.00

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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	7.610	152	61685	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	250880	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	139880	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.021	188	248556	20.000	ng/ul	0.00
79) Chrysene-d12	21.227	240	184259	20.000	ng/ul	0.00
88) Perylene-d12	23.444	264	223763	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	13330	8.069	ng/uL	0.00
4) Pyridine-d5	3.599	84	143937	32.042	ng/ul	0.00
7) Phenol-d5	6.793	99	187263	35.810	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	113838	36.538	ng/ul	0.00
11) 2-Chlorophenol-d4	7.145	132	157866	38.533	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	143177	34.979	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	75996	39.436	ng/ul	0.00
24) 2-Nitrophenol-d4	9.486	143	82448	40.535	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	143697	38.532	ng/ul	0.00
31) 4-Chloroaniline-d4	10.539	131	190042	32.008	ng/ul	-0.01
46) Dimethylphthalate-d6	13.686	166	365407	37.518	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	455806	39.615	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	59810	29.425	ng/ul	0.00
60) Fluorene-d10	15.263	176	315862	36.377	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	51094	34.670	ng/ul	0.00
73) Anthracene-d10	17.121	188	417267	37.318	ng/ul	0.00
81) Pyrene-d10	19.427	212	428314	47.208	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.297	264	432880	39.656	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	18687	10.832	ng/uL#	80
5) Pyridine	3.616	79	147580	31.006	ng/ul	98
6) Benzaldehyde	6.781	77	103690	42.774	ng/ul	99
8) Phenol	6.822	94	188577	34.823	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.063	93	143918	34.053	ng/ul	98
12) 2-Chlorophenol	7.181	128	153670	35.746	ng/ul	98
13) 2-Methylphenol	8.057	108	132634	33.182	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.134	45	168385	33.405	ng/ul	97
16) Acetophenone	8.440	105	220898	33.194	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.428	70	107767	34.298	ng/ul#	94
18) 4-Methylphenol	8.387	108	145499	33.772	ng/ul	98
19) Hexachloroethane	8.663	117	68122	36.028	ng/ul	98
22) Nitrobenzene	8.816	77	174536	36.916	ng/ul	98
23) Isophorone	9.339	82	299841	34.517	ng/ul	99
25) 2-Nitrophenol	9.516	139	84407	37.388	ng/ul	95
26) 2,4-Dimethylphenol	9.575	107	121518	27.919	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.822	93	179686	34.892	ng/ul	99
29) 2,4-Dichlorophenol	10.039	162	140395	37.262	ng/ul	98
30) Naphthalene	10.433	128	461801	34.772	ng/ul	99
32) 4-Chloroaniline	10.563	127	174511	30.206	ng/ul	98
33) Hexachlorobutadiene	10.698	225	81990	34.999	ng/ul	92
34) Caprolactam	11.369	113	38844m	30.537	ng/ul	
35) 4-Chloro-3-methylphenol	11.692	107	131515	35.113	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.057	142	299361	34.523	ng/ul	100
37) 1-Methylnaphthalene	12.275	142	306549	34.934	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.422	216	148286	38.763	ng/ul	99
40) Hexachlorocyclopentadiene	12.386	237	65687	28.365	ng/ul	99
41) 2,4,6-Trichlorophenol	12.680	196	99607	39.915	ng/ul	98
42) 2,4,5-Trichlorophenol	12.757	196	106263	38.647	ng/ul	99
43) 1,1'-Biphenyl	13.086	154	371754	37.636	ng/ul	97
44) 2-Chloronaphthalene	13.127	162	299447	37.314	ng/ul	98
45) 2-Nitroaniline	13.357	65	87377	39.444	ng/ul	98
47) Dimethylphthalate	13.733	163	348941	34.277	ng/ul	98
48) 2,6-Dinitrotoluene	13.863	165	71803	35.986	ng/ul#	87
50) Acenaphthylene	13.980	152	482835	35.930	ng/ul	99
51) 3-Nitroaniline	14.198	138	75457	34.669	ng/ul	93
52) Acenaphthene	14.321	153	315379	35.171	ng/ul	98
53) 2,4-Dinitrophenol	14.416	184	33068	27.876	ng/ul	91
55) 4-Nitrophenol	14.510	109	50170	28.065	ng/ul	89
56) Dibenzofuran	14.663	168	423262	34.494	ng/ul	97
57) 2,4-Dinitrotoluene	14.663	165	96724	32.385	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.898	232	83255	35.379	ng/ul#	95
59) Diethylphthalate	15.110	149	335408	32.296	ng/ul	98
61) Fluorene	15.316	166	338642	32.744	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	154148	31.799	ng/ul	93
63) 4-Nitroaniline	15.368	138	61946	31.305	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.421	198	52090	33.005	ng/ul#	98
67) N-Nitrosodiphenylamine	15.539	169	270204	40.298	ng/ul	100
68) 4-Bromophenyl-phenylether	16.215	248	92571	38.240	ng/ul	97
69) Hexachlorobenzene	16.315	284	116983	37.150	ng/ul	95
70) Atrazine	16.510	200	79130	32.083	ng/ul	100
71) Pentachlorophenol	16.668	266	63410	33.150	ng/ul	95
72) Phenanthrene	17.062	178	479708	35.864	ng/ul	99
74) Anthracene	17.157	178	472260	34.516	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.039	216	149073	47.585	ng/uL	98
76) Pentachlorobenzene	14.574	250	144580	43.376	ng/uL	99
77) Carbazole	17.439	167	425319	32.238	ng/ul	99
78) Di-n-butylphthalate	18.004	149	466208	31.334	ng/ul	99
80) Fluoranthene	19.092	202	484101	45.238	ng/ul	98
82) Pyrene	19.456	202	511713	44.312	ng/ul	99
83) Butylbenzylphthalate	20.380	149	168713	34.871	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.162	252	123954	30.255	ng/ul	96
85) Benzo(a)anthracene	21.215	228	443036	35.436	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.156	149	215582	28.506	ng/ul	100
87) Chrysene	21.268	228	430348	36.924	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	353540	25.112	ng/ul	100
90) Benzo(b)fluoranthene	22.780	252	487224	37.359	ng/ul	98
91) Benzo(k)fluoranthene	22.821	252	466225	35.517	ng/ul	99
93) Benzo(a)pyrene	23.344	252	420723	33.147	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.662	276	633752	38.546	ng/ul	99
95) Dibenzo(a,h)anthracene	25.680	278	515653	37.512	ng/ul	98
96) Benzo(g,h,i)perylene	26.338	276	519099	40.021	ng/ul	99

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

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