Quantitation Report (Qedit)

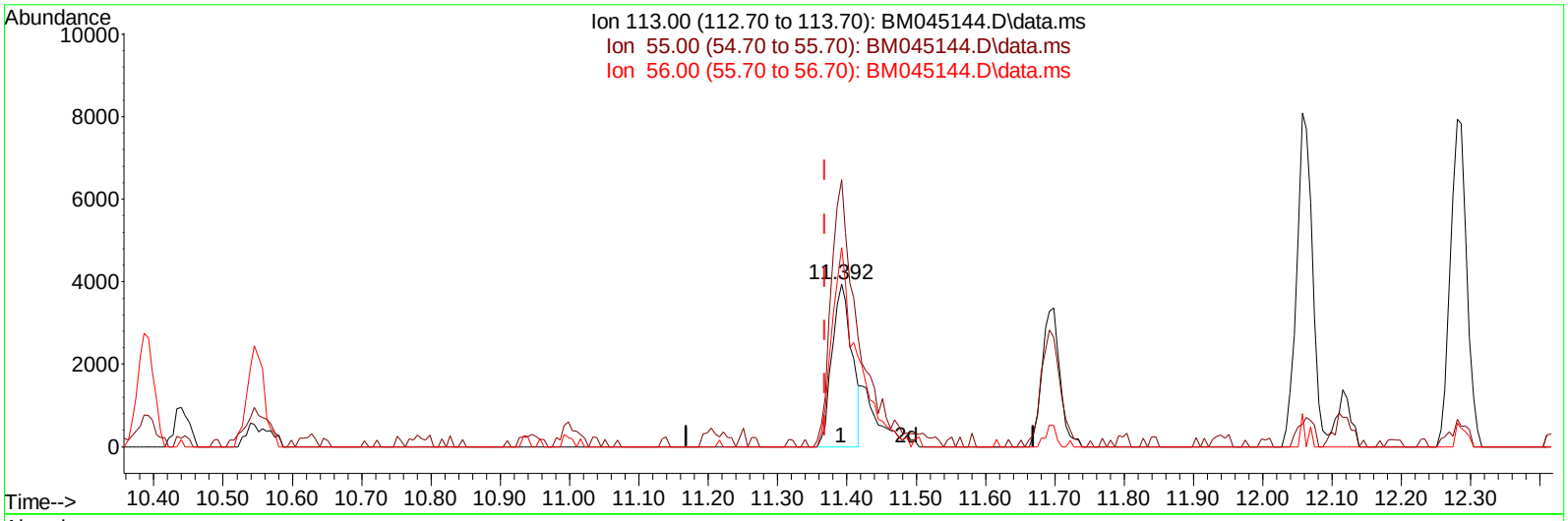
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
Data File : BM045144.D
Acq On : 11 Apr 2024 21:09
Operator : MA/JU
Sample : P1968-02MS 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

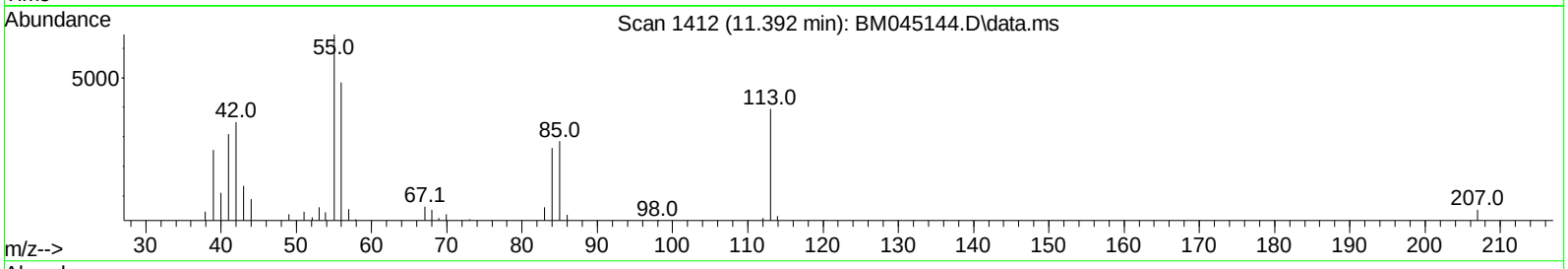
Quant Time: Apr 11 22:43:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 18:54:49 2024
Response via : Initial Calibration

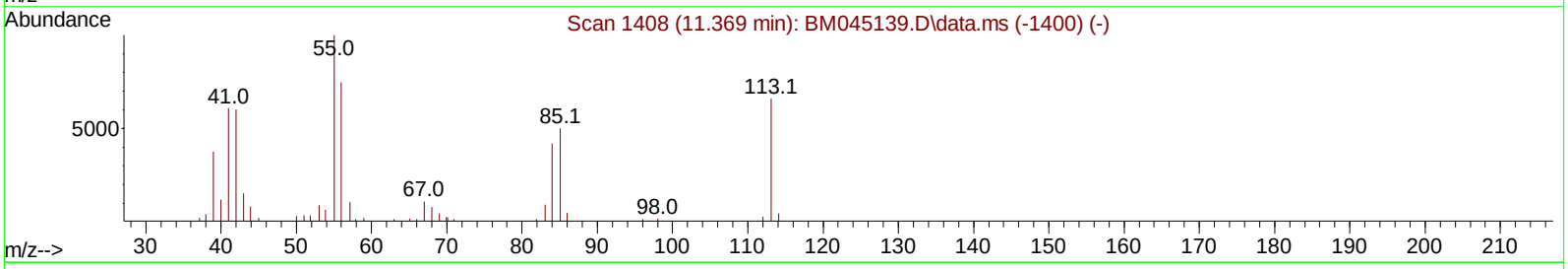
Instrument :
BNA_M
ClientSampleId :
E07R9MS

Manual IntegrationsAPPROVED

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







TIC: BM045144.D\data.ms

(34) Caprolactam

11.392min (+ 0.024) 4.36 ng/ul

response 7772

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	164.23
56.00	114.80	122.75
0.00	0.00	0.00

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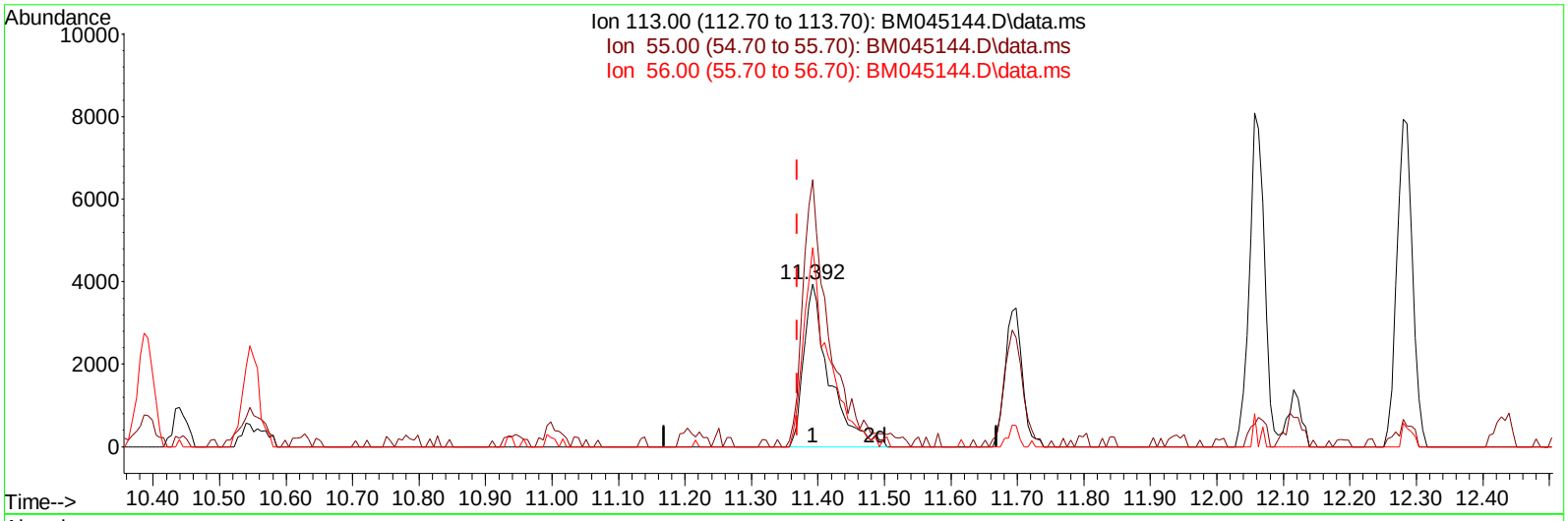

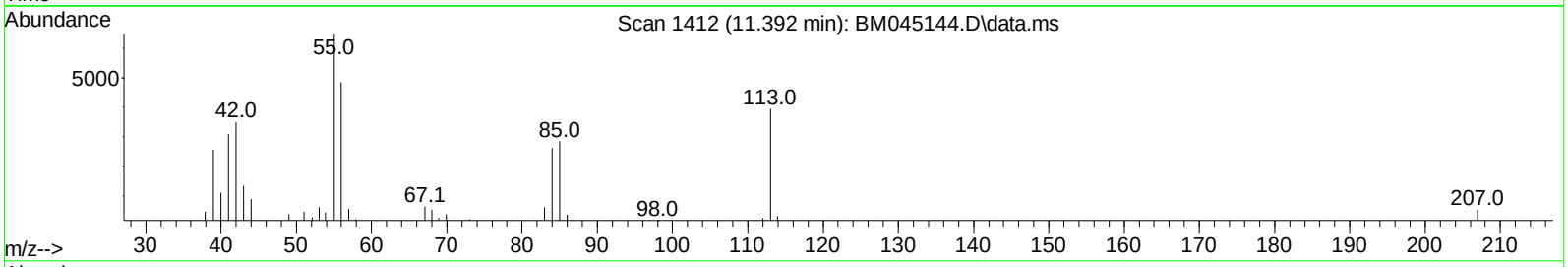

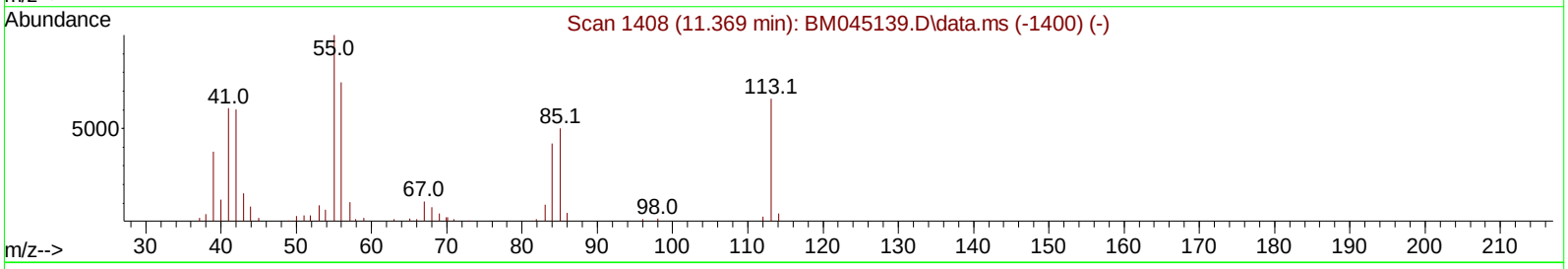

TIC: BM045144.D\data.ms

(34) Caprolactam

11.392min (+ 0.024) 5.92 ng/ul m

response 10550

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	164.23
56.00	114.80	122.75
0.00	0.00	0.00

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Operator : MA/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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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	7.616	152	76440	20.000	ng/ul	0.00
20) Naphthalene-d8	10.392	136	351577	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	230385	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.027	188	447479	20.000	ng/ul	0.00
79) Chrysene-d12	21.239	240	339073	20.000	ng/ul	0.00
88) Perylene-d12	23.450	264	371099	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	7648	3.736	ng/uL	0.00
4) Pyridine-d5	3.605	84	65861	11.831	ng/ul	0.00
7) Phenol-d5	6.804	99	56329	8.692	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	149564	38.739	ng/ul	0.00
11) 2-Chlorophenol-d4	7.151	132	155643	30.657	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	105524	20.804	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	106405	39.401	ng/ul	0.00
24) 2-Nitrophenol-d4	9.492	143	116499	40.871	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	194145	37.149	ng/ul	0.00
31) 4-Chloroaniline-d4	10.545	131	272505	32.751	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	698967	43.574	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	763627	40.296	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	27429	8.193	ng/ul	0.00
60) Fluorene-d10	15.268	176	583301	40.788	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	108163	40.767	ng/ul	0.00
73) Anthracene-d10	17.127	188	879772	43.705	ng/ul	0.00
81) Pyrene-d10	19.433	212	939888	56.295	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.309	264	833243	46.027	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	10128	4.738	ng/uL#	1
5) Pyridine	3.622	79	66375	11.253	ng/ul	94
6) Benzaldehyde	6.787	77	135100	44.973	ng/ul	98
8) Phenol	6.828	94	58597	8.732	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.069	93	194998	37.233	ng/ul	95
12) 2-Chlorophenol	7.187	128	154424	28.988	ng/ul	100
13) 2-Methylphenol	8.063	108	112092	22.630	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.140	45	232846	37.276	ng/ul	99
16) Acetophenone	8.445	105	330667	40.097	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.434	70	163697	42.041	ng/ul#	91
18) 4-Methylphenol	8.392	108	109675	20.543	ng/ul	94
19) Hexachloroethane	8.669	117	80532	34.370	ng/ul	100
22) Nitrobenzene	8.822	77	250694	37.837	ng/ul	97
23) Isophorone	9.345	82	487599	40.055	ng/ul	99
25) 2-Nitrophenol	9.522	139	118385	37.419	ng/ul	92
26) 2,4-Dimethylphenol	9.581	107	150156	24.618	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.828	93	286858	39.749	ng/ul	98
29) 2,4-Dichlorophenol	10.045	162	181029	34.286	ng/ul	99
30) Naphthalene	10.439	128	663935	35.673	ng/ul	99
32) 4-Chloroaniline	10.569	127	231437	28.586	ng/ul	100
33) Hexachlorobutadiene	10.704	225	113656	34.620	ng/ul	95
34) Caprolactam	11.392	113	10550m	5.918	ng/ul	
35) 4-Chloro-3-methylphenol	11.692	107	183495	34.959	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	464326	38.210	ng/ul	98
37) 1-Methylnaphthalene	12.280	142	468213	38.074	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.433	216	230718	36.618	ng/ul	98
40) Hexachlorocyclopentadiene	12.392	237	109223	28.637	ng/ul	98
41) 2,4,6-Trichlorophenol	12.686	196	163424	39.762	ng/ul	97
42) 2,4,5-Trichlorophenol	12.757	196	177288	39.148	ng/ul	95
43) 1,1'-Biphenyl	13.092	154	619192	38.061	ng/ul	98
44) 2-Chloronaphthalene	13.133	162	495847	37.515	ng/ul	99
45) 2-Nitroaniline	13.363	65	158387	43.412	ng/ul	98
47) Dimethylphthalate	13.745	163	691242	41.227	ng/ul	99
48) 2,6-Dinitrotoluene	13.874	165	146541	44.592	ng/ul	93
50) Acenaphthylene	13.986	152	842497	38.065	ng/ul	99
51) 3-Nitroaniline	14.204	138	144613	40.342	ng/ul	94
52) Acenaphthene	14.333	153	572577	38.769	ng/ul	100
53) 2,4-Dinitrophenol	14.416	184	68388	35.002	ng/ul	94
55) 4-Nitrophenol	14.521	109	22804	7.745	ng/ul	85
56) Dibenzofuran	14.669	168	784298	38.808	ng/ul	97
57) 2,4-Dinitrotoluene	14.663	165	209490	42.587	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.898	232	157048	40.520	ng/ul	99
59) Diethylphthalate	15.116	149	724369	42.348	ng/ul	99
61) Fluorene	15.321	166	695289	40.819	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.321	204	321673	40.290	ng/ul	92
63) 4-Nitroaniline	15.374	138	134047	41.131	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.427	198	108332	38.127	ng/ul	99
67) N-Nitrosodiphenylamine	15.545	169	538687	44.625	ng/ul	99
68) 4-Bromophenyl-phenylether	16.221	248	194362	44.598	ng/ul	96
69) Hexachlorobenzene	16.321	284	239430	42.234	ng/ul	95
70) Atrazine	16.515	200	164711	37.094	ng/ul	99
71) Pentachlorophenol	16.674	266	137730	39.995	ng/ul	98
72) Phenanthrene	17.068	178	1021092	42.403	ng/ul	99
74) Anthracene	17.162	178	1020895	41.445	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	235611	41.775	ng/uL	100
76) Pentachlorobenzene	14.580	250	254087	42.342	ng/uL	97
77) Carbazole	17.445	167	931882	39.234	ng/ul	99
78) Di-n-butylphthalate	18.009	149	1248662	46.616	ng/ul	99
80) Fluoranthene	19.098	202	1101046	55.913	ng/ul	99
82) Pyrene	19.462	202	1140208	53.656	ng/ul	99
83) Butylbenzylphthalate	20.386	149	472946	53.121	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.162	252	262744	34.850	ng/ul	96
85) Benzo(a)anthracene	21.221	228	988876	42.982	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.162	149	693472	49.829	ng/ul	98
87) Chrysene	21.274	228	918267	42.815	ng/ul	100
89) Di-n-octyl phthalate	22.044	149	1028929	44.068	ng/ul	100
90) Benzo(b)fluoranthene	22.786	252	960510	44.408	ng/ul	99
91) Benzo(k)fluoranthene	22.833	252	965871	44.367	ng/ul	100
93) Benzo(a)pyrene	23.356	252	913539	43.398	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.680	276	1157514	42.450	ng/ul	98
95) Dibenzo(a,h)anthracene	25.691	278	971633	42.620	ng/ul	99
96) Benzo(g,h,i)perylene	26.356	276	943746	43.872	ng/ul	99

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

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