Quantitation Report (Qedit)

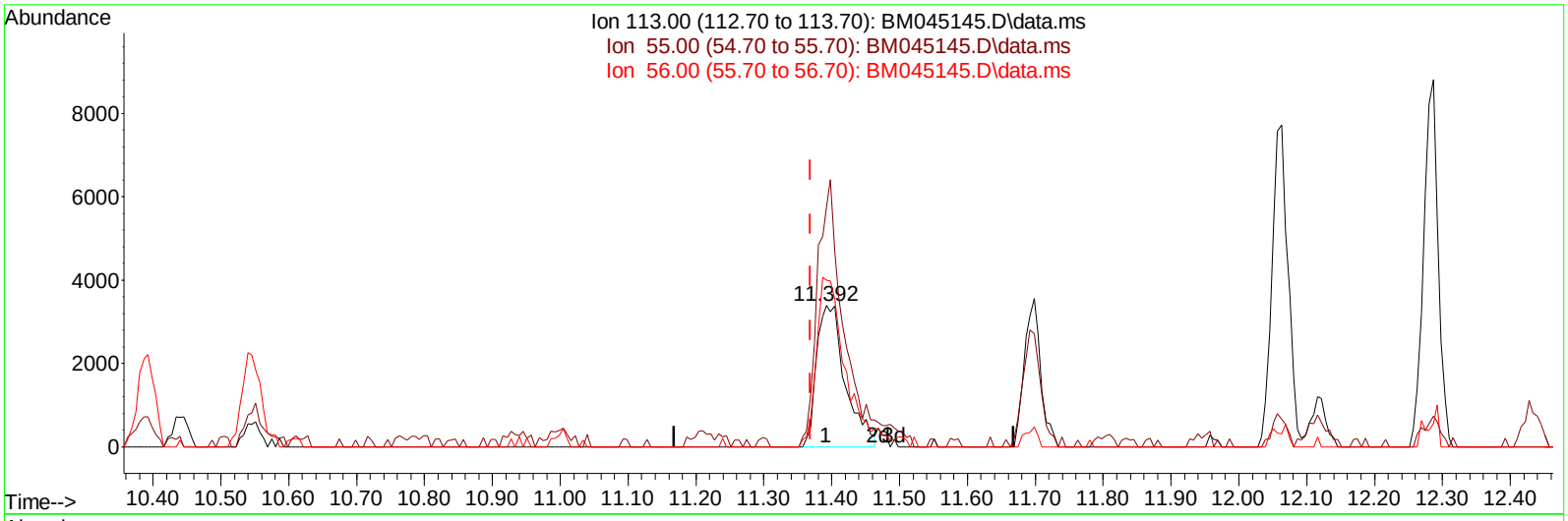
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
Data File : BM045145.D
Acq On : 11 Apr 2024 21:45
Operator : MA/JU
Sample : P1968-03MSD 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

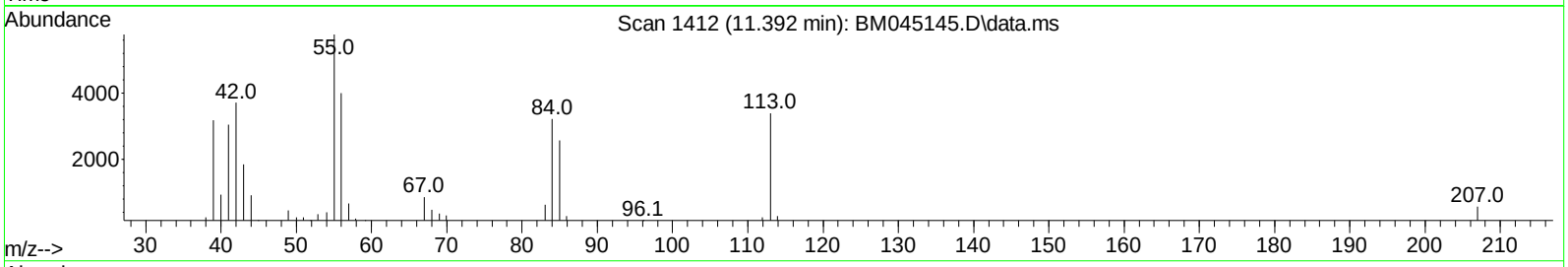
Quant Time: Apr 11 22:43:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 18:54:49 2024
Response via : Initial Calibration

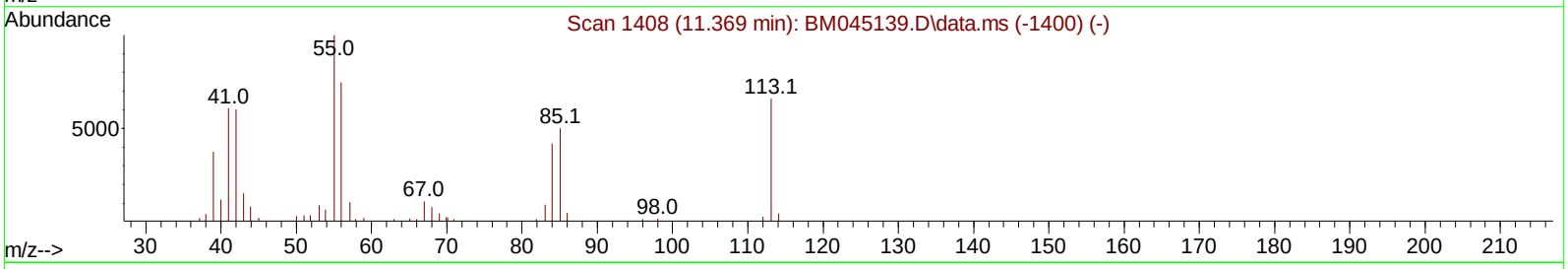
Instrument :
BNA_M
ClientSampleId :
E07R9MSD

Manual IntegrationsAPPROVED

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







TIC: BM045145.D\data.ms

(34) Caprolactam

11.392min (+ 0.024) 5.78 ng/ul

response 9937

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	169.81
56.00	114.80	117.70
0.00	0.00	0.00

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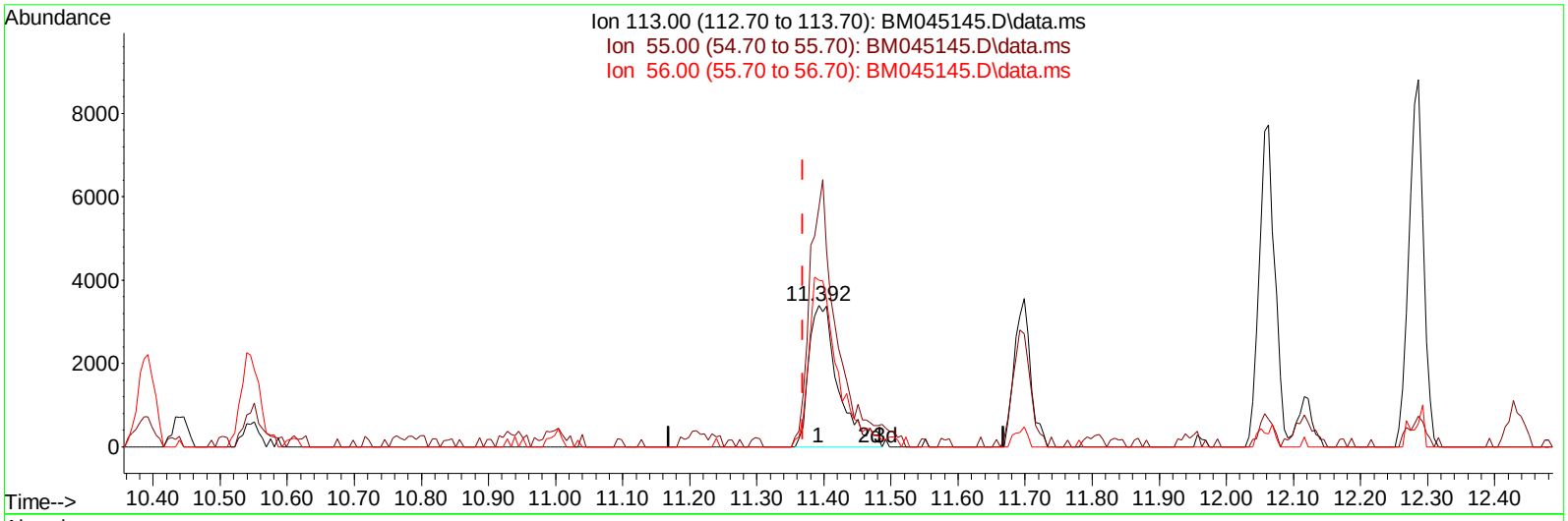

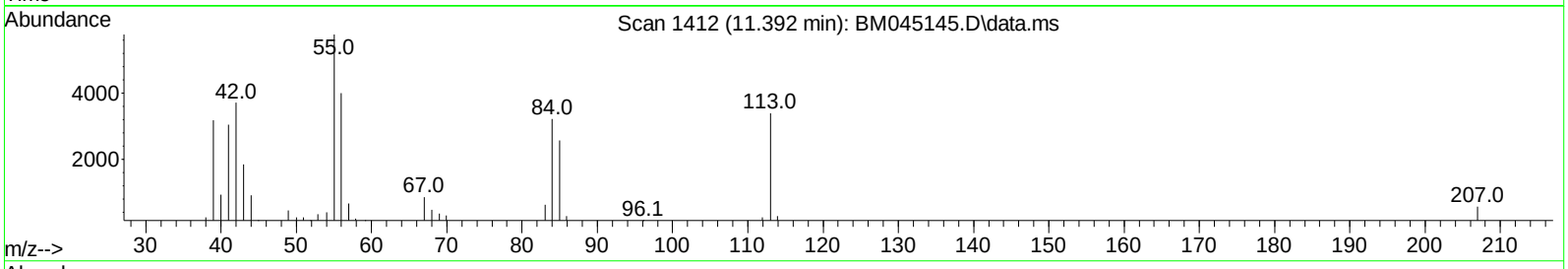

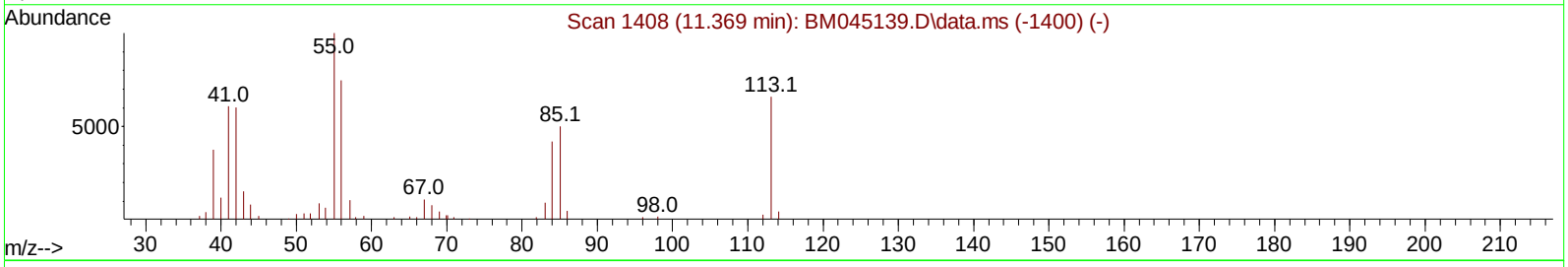

TIC: BM045145.D\data.ms

(34) Caprolactam

11.392min (+ 0.024) 5.99 ng/ul m

response 10293

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	169.81
56.00	114.80	117.70
0.00	0.00	0.00

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Sample : P1968-03MSD 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 11 22:53:52 2024
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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	76088	20.000	ng/ul	0.00
20) Naphthalene-d8	10.392	136	338893	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	216896	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.027	188	432227	20.000	ng/ul	0.00
79) Chrysene-d12	21.233	240	332416	20.000	ng/ul	0.00
88) Perylene-d12	23.450	264	357954	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	7721	3.789	ng/uL	0.00
4) Pyridine-d5	3.605	84	64253	11.596	ng/ul	0.00
7) Phenol-d5	6.799	99	52286	8.106	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	161625	42.056	ng/ul	0.00
11) 2-Chlorophenol-d4	7.151	132	163581	32.370	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	102239	20.249	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	113314	43.530	ng/ul	0.00
24) 2-Nitrophenol-d4	9.492	143	125380	45.633	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	204193	40.534	ng/ul	0.00
31) 4-Chloroaniline-d4	10.545	131	273572	34.110	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	719544	47.646	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	803997	45.065	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	25094	7.962	ng/ul	0.00
60) Fluorene-d10	15.269	176	608544	45.199	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	116988	45.649	ng/ul	0.00
73) Anthracene-d10	17.127	188	913741	46.994	ng/ul	0.00
81) Pyrene-d10	19.433	212	1001495	61.186	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.309	264	844400	48.356	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	10641	5.001	ng/uL#	1
5) Pyridine	3.622	79	64270	10.947	ng/ul	97
6) Benzaldehyde	6.787	77	138276	46.243	ng/ul	97
8) Phenol	6.828	94	54356	8.138	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.069	93	200252	38.413	ng/ul	97
12) 2-Chlorophenol	7.187	128	156953	29.599	ng/ul	97
13) 2-Methylphenol	8.063	108	109675	22.245	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.140	45	249562	40.137	ng/ul	99
16) Acetophenone	8.445	105	336695	41.017	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.434	70	171337	44.207	ng/ul#	92
18) 4-Methylphenol	8.393	108	102695	19.325	ng/ul	95
19) Hexachloroethane	8.669	117	84595	36.272	ng/ul	95
22) Nitrobenzene	8.822	77	259022	40.557	ng/ul	96
23) Isophorone	9.345	82	510074	43.469	ng/ul	99
25) 2-Nitrophenol	9.522	139	123884	40.623	ng/ul	91
26) 2,4-Dimethylphenol	9.581	107	98658	16.780	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.828	93	297477	42.763	ng/ul	99
29) 2,4-Dichlorophenol	10.045	162	186859	36.714	ng/ul	96
30) Naphthalene	10.439	128	687696	38.333	ng/ul	99
32) 4-Chloroaniline	10.569	127	230985	29.598	ng/ul	100
33) Hexachlorobutadiene	10.704	225	118300	37.384	ng/ul	95
34) Caprolactam	11.392	113	10293m	5.990	ng/ul	
35) 4-Chloro-3-methylphenol	11.692	107	180634	35.702	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	480088	40.986	ng/ul	99
37) 1-Methylnaphthalene	12.286	142	486697	41.059	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.433	216	242192	40.830	ng/ul	98
40) Hexachlorocyclopentadiene	12.392	237	119093	33.166	ng/ul	98
41) 2,4,6-Trichlorophenol	12.686	196	170948	44.179	ng/ul	96
42) 2,4,5-Trichlorophenol	12.757	196	182652	42.841	ng/ul	94
43) 1,1'-Biphenyl	13.092	154	648663	42.352	ng/ul	99
44) 2-Chloronaphthalene	13.133	162	510557	41.030	ng/ul	99
45) 2-Nitroaniline	13.363	65	166007	48.330	ng/ul	96
47) Dimethylphthalate	13.745	163	698306	44.239	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	147962	47.824	ng/ul	89
50) Acenaphthylene	13.986	152	875256	42.005	ng/ul	99
51) 3-Nitroaniline	14.204	138	141236	41.850	ng/ul	95
52) Acenaphthene	14.333	153	591796	42.563	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	73142	39.764	ng/ul	92
55) 4-Nitrophenol	14.522	109	21951	7.919	ng/ul	89
56) Dibenzofuran	14.669	168	809624	42.552	ng/ul	96
57) 2,4-Dinitrotoluene	14.669	165	213736	46.152	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.898	232	159168	43.621	ng/ul	99
59) Diethylphthalate	15.116	149	732289	45.473	ng/ul	99
61) Fluorene	15.327	166	707431	44.114	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.327	204	330713	43.998	ng/ul	93
63) 4-Nitroaniline	15.374	138	122478	39.918	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.427	198	116982	42.624	ng/ul	99
67) N-Nitrosodiphenylamine	15.545	169	543631	46.624	ng/ul	99
68) 4-Bromophenyl-phenylether	16.221	248	196044	46.571	ng/ul	95
69) Hexachlorobenzene	16.321	284	244877	44.719	ng/ul	95
70) Atrazine	16.516	200	165864	38.672	ng/ul	98
71) Pentachlorophenol	16.674	266	143961	43.280	ng/ul	99
72) Phenanthrene	17.068	178	1035397	44.515	ng/ul	99
74) Anthracene	17.163	178	1035613	43.526	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	242691	44.549	ng/uL	97
76) Pentachlorobenzene	14.580	250	261075	45.042	ng/uL	96
77) Carbazole	17.445	167	936450	40.818	ng/ul	98
78) Di-n-butylphthalate	18.010	149	1318315	50.954	ng/ul	99
80) Fluoranthene	19.098	202	1144693	59.294	ng/ul	99
82) Pyrene	19.462	202	1188640	57.055	ng/ul	99
83) Butylbenzylphthalate	20.386	149	516265	59.147	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.162	252	252486	34.160	ng/ul	96
85) Benzo(a)anthracene	21.221	228	1029031	45.623	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.162	149	759294	55.651	ng/ul	98
87) Chrysene	21.274	228	967477	46.013	ng/ul	99
89) Di-n-octyl phthalate	22.045	149	1087159	48.272	ng/ul	100
90) Benzo(b)fluoranthene	22.786	252	976443	46.803	ng/ul	99
91) Benzo(k)fluoranthene	22.833	252	967067	46.053	ng/ul	99
93) Benzo(a)pyrene	23.356	252	919881	45.304	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.680	276	1154909	43.910	ng/ul	99
95) Dibenzo(a,h)anthracene	25.691	278	970427	44.130	ng/ul	98
96) Benzo(g,h,i)perylene	26.356	276	930200	44.831	ng/ul	99

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

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