Quantitation Report (Qedit)

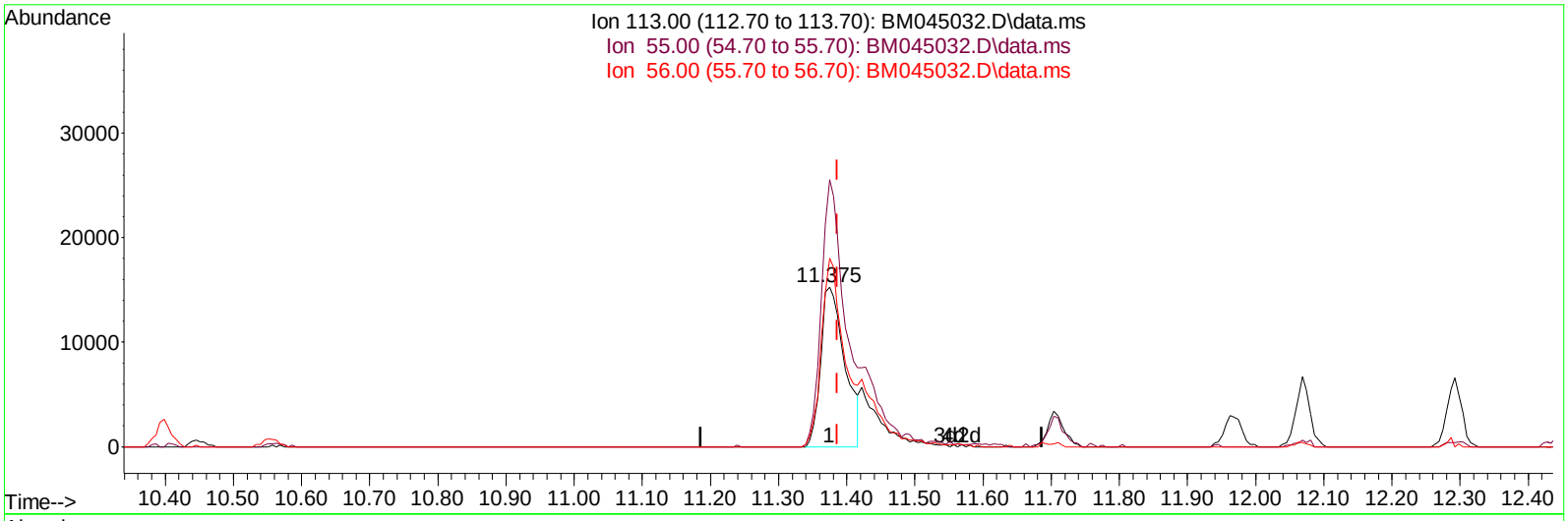
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045032.D
Acq On : 08 Apr 2024 06:30
Operator : MA/JU
Sample : PB160064BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

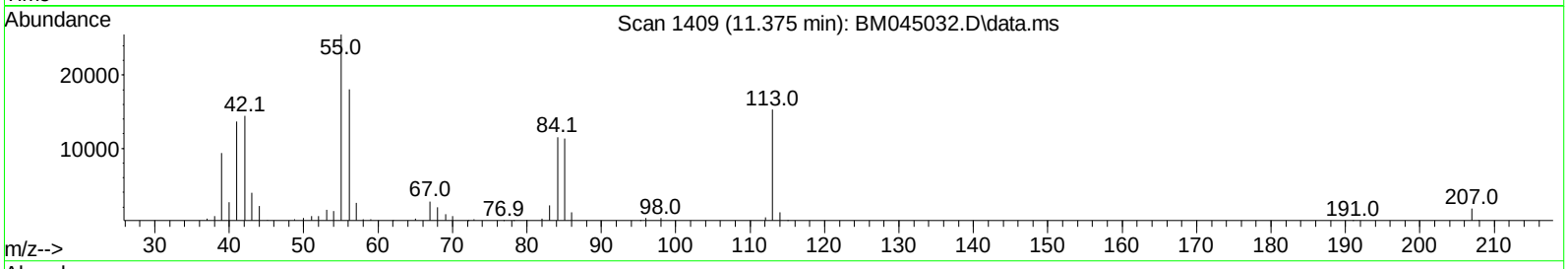
Quant Time: Apr 08 08:17:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 08 05:51:38 2024
Response via : Initial Calibration

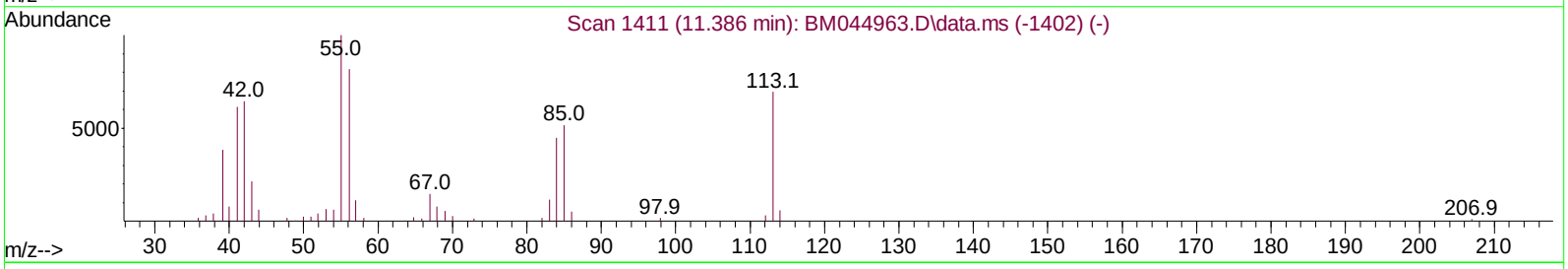
Instrument :
BNA_M
ClientSampleId :
SLCS064

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/09/2024
Supervised By :mohammad ahmed 04/09/2024







TIC: BM045032.D\data.ms

(34) Caprolactam

11.375min (-0.012) 22.27 ng/ul

response 37583

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	167.01
56.00	114.80	118.02
0.00	0.00	0.00

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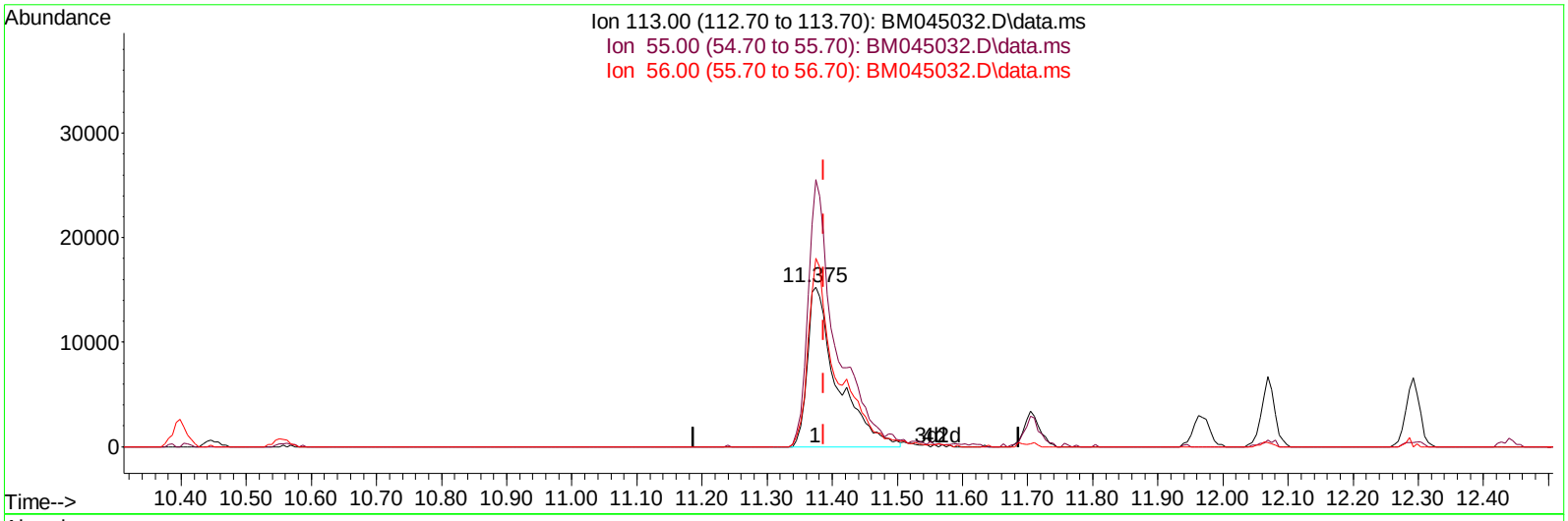

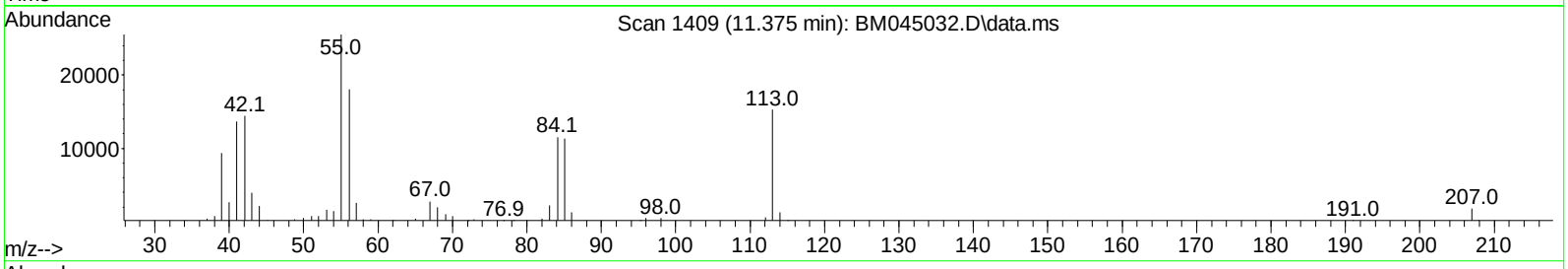

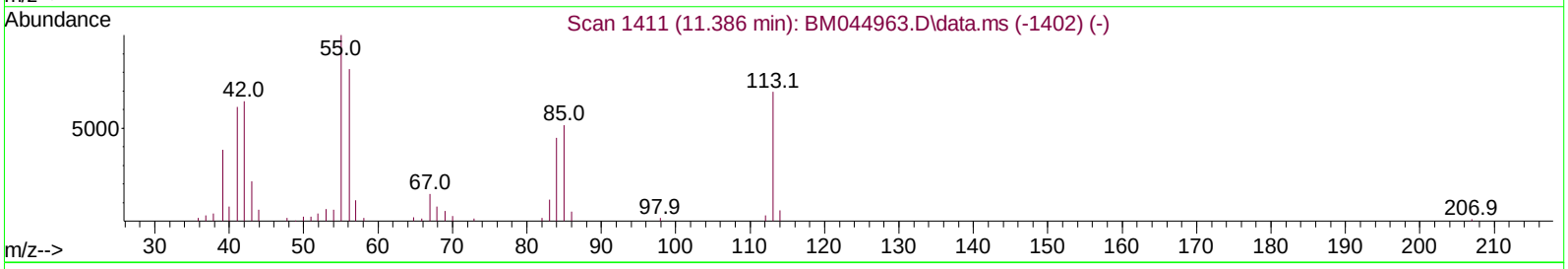

TIC: BM045032.D\data.ms

(34) Caprolactam

11.375min (-0.012) 28.90 ng/ul m

response 48768

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	167.01
56.00	114.80	118.02
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	7.622	152	76556	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.398	136	332782	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.274	164	205219	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	435406	20.000	ng/ul	-0.01
79) Chrysene-d12	21.239	240	422268	20.000	ng/ul	-0.01
88) Perylene-d12	23.462	264	488180	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	8263	4.030	ng/uL	0.00
4) Pyridine-d5	3.605	84	78535	14.087	ng/ul	0.00
7) Phenol-d5	6.804	99	104551	16.109	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.981	67	61163	15.818	ng/ul	0.00
11) 2-Chlorophenol-d4	7.157	132	84812	16.680	ng/ul	-0.01
15) 4-Methylphenol-d8	8.334	113	80638	15.874	ng/ul	-0.01
21) Nitrobenzene-d5	8.787	128	40395	15.803	ng/ul	0.00
24) 2-Nitrophenol-d4	9.498	143	42623	15.798	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	88637	17.918	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.557	131	105195	13.357	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	229270	16.045	ng/ul	-0.01
49) Acenaphthylene-d8	13.963	160	279832	16.577	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.504	143	43099	14.453	ng/ul	-0.01
60) Fluorene-d10	15.274	176	208313	16.353	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	35552	13.771	ng/ul	-0.01
73) Anthracene-d10	17.133	188	316754	16.172	ng/ul	0.00
81) Pyrene-d10	19.439	212	376160	18.091	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.321	264	398798	16.746	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	20120	9.397	ng/uL#	83
5) Pyridine	3.622	79	168098	28.456	ng/ul	96
6) Benzaldehyde	6.793	77	110355	36.680	ng/ul	96
8) Phenol	6.834	94	212016	31.546	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.069	93	155940	29.730	ng/ul	98
12) 2-Chlorophenol	7.193	128	173498	32.519	ng/ul	98
13) 2-Methylphenol	8.069	108	153966	31.037	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.145	45	188284	30.097	ng/ul	98
16) Acetophenone	8.451	105	244418	29.594	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.434	70	124218	31.854	ng/ul	96
18) 4-Methylphenol	8.398	108	171548	32.084	ng/ul	99
19) Hexachloroethane	8.675	117	73052	31.131	ng/ul	100
22) Nitrobenzene	8.828	77	192826	30.747	ng/ul	99
23) Isophorone	9.351	82	337084	29.254	ng/ul	99
25) 2-Nitrophenol	9.528	139	93445	31.204	ng/ul	93
26) 2,4-Dimethylphenol	9.592	107	147160	25.489	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.834	93	209070	30.606	ng/ul	97
29) 2,4-Dichlorophenol	10.057	162	164191	32.853	ng/ul	98
30) Naphthalene	10.445	128	532502	30.227	ng/ul	100
32) 4-Chloroaniline	10.581	127	197974	25.834	ng/ul	100
33) Hexachlorobutadiene	10.710	225	94034	30.261	ng/ul	95
34) Caprolactam	11.375	113	48768m	28.903	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	162690	32.746	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	355630	30.918	ng/ul	97
37) 1-Methylnaphthalene	12.292	142	362495	31.142	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.439	216	185301	33.017	ng/ul	99
40) Hexachlorocyclopentadiene	12.404	237	72632	21.378	ng/ul	97
41) 2,4,6-Trichlorophenol	12.692	196	124745	34.073	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	140164	34.746	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	458320	31.627	ng/ul	98
44) 2-Chloronaphthalene	13.139	162	369221	31.360	ng/ul	99
45) 2-Nitroaniline	13.369	65	107491	33.075	ng/ul	99
47) Dimethylphthalate	13.745	163	447296	29.949	ng/ul	99
48) 2,6-Dinitrotoluene	13.874	165	93408	31.909	ng/ul	90
50) Acenaphthylene	13.992	152	602709	30.571	ng/ul	98
51) 3-Nitroaniline	14.210	138	94998	29.751	ng/ul	96
52) Acenaphthene	14.339	153	401729	30.537	ng/ul	100
53) 2,4-Dinitrophenol	14.421	184	45317	26.038	ng/ul	98
55) 4-Nitrophenol	14.521	109	72880	27.789	ng/ul	98
56) Dibenzofuran	14.674	168	566144	31.449	ng/ul	98
57) 2,4-Dinitrotoluene	14.669	165	141508	32.295	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.904	232	116147	33.642	ng/ul	97
59) Diethylphthalate	15.121	149	461497	30.288	ng/ul	98
61) Fluorene	15.327	166	468752	30.894	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.333	204	219502	30.864	ng/ul	99
63) 4-Nitroaniline	15.380	138	89941	30.981	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.433	198	73329	26.523	ng/ul	95
67) N-Nitrosodiphenylamine	15.551	169	384723	32.755	ng/ul	100
68) 4-Bromophenyl-phenylether	16.227	248	137966	32.535	ng/ul	95
69) Hexachlorobenzene	16.327	284	174989	31.723	ng/ul	97
70) Atrazine	16.521	200	135819	31.436	ng/ul	100
71) Pentachlorophenol	16.680	266	104989	31.333	ng/ul	97
72) Phenanthrene	17.074	178	726099	30.989	ng/ul	99
74) Anthracene	17.168	178	734499	30.645	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	184190	33.564	ng/uL	97
76) Pentachlorobenzene	14.586	250	189300	32.421	ng/uL	98
77) Carbazole	17.451	167	694400	30.046	ng/ul	99
78) Di-n-butylphthalate	18.015	149	855570	32.827	ng/ul	100
80) Fluoranthene	19.104	202	866605	35.337	ng/ul	99
82) Pyrene	19.468	202	935789	35.360	ng/ul	99
83) Butylbenzylphthalate	20.392	149	405939	36.612	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.168	252	281135	29.943	ng/ul	97
85) Benzo(a)anthracene	21.227	228	915797	31.963	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.168	149	619082	35.720	ng/ul	99
87) Chrysene	21.280	228	860703	32.224	ng/ul	99
89) Di-n-octyl phthalate	22.050	149	1053932	34.313	ng/ul	100
90) Benzo(b)fluoranthene	22.797	252	987158	34.694	ng/ul	99
91) Benzo(k)fluoranthene	22.839	252	909240	31.749	ng/ul	99
93) Benzo(a)pyrene	23.362	252	795440	28.725	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.691	276	1162087	32.397	ng/ul	99
95) Dibenzo(a,h)anthracene	25.703	278	955980	31.876	ng/ul	98
96) Benzo(g,h,i)perylene	26.368	276	879483	31.079	ng/ul	98

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

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