Quantitation Report (Qedit)

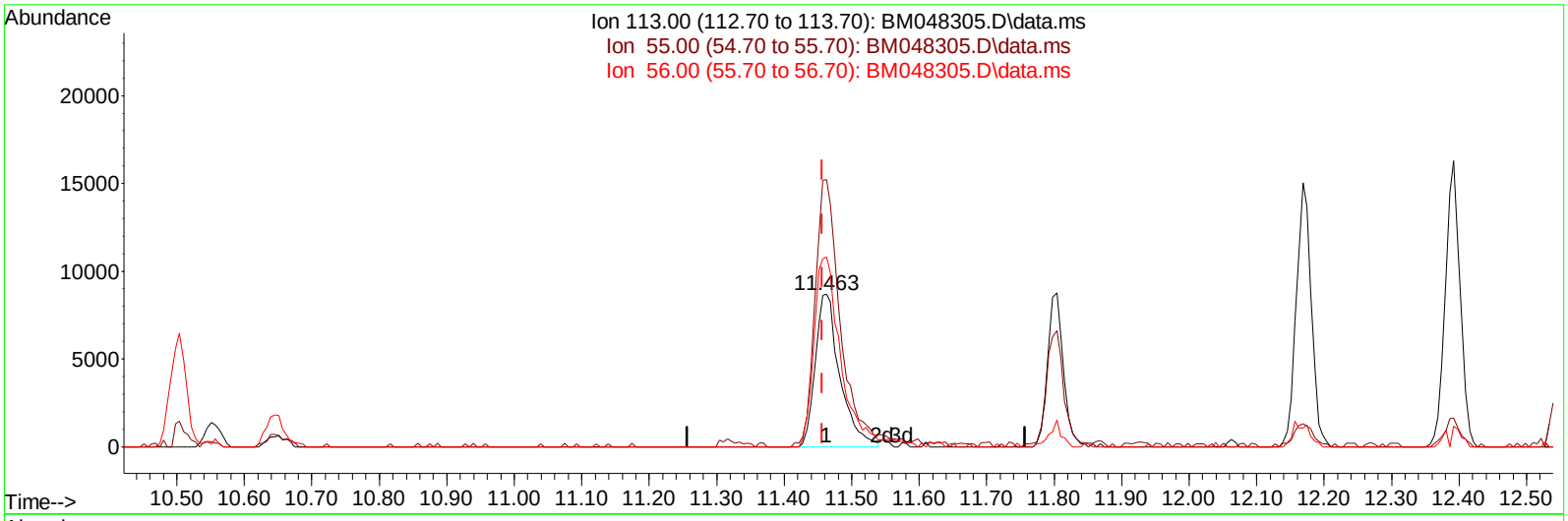
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048305.D
Acq On : 30 Oct 2024 02:34
Operator : RC/JU
Sample : P4558-08MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

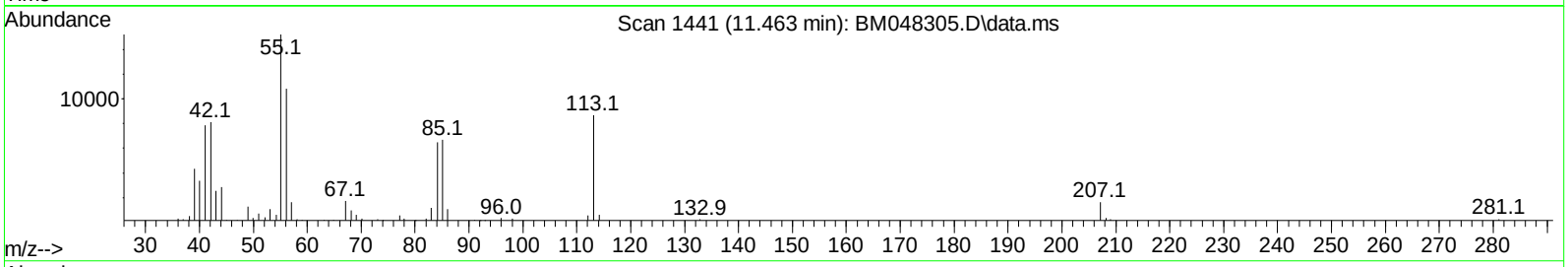
Quant Time: Oct 30 03:07:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration

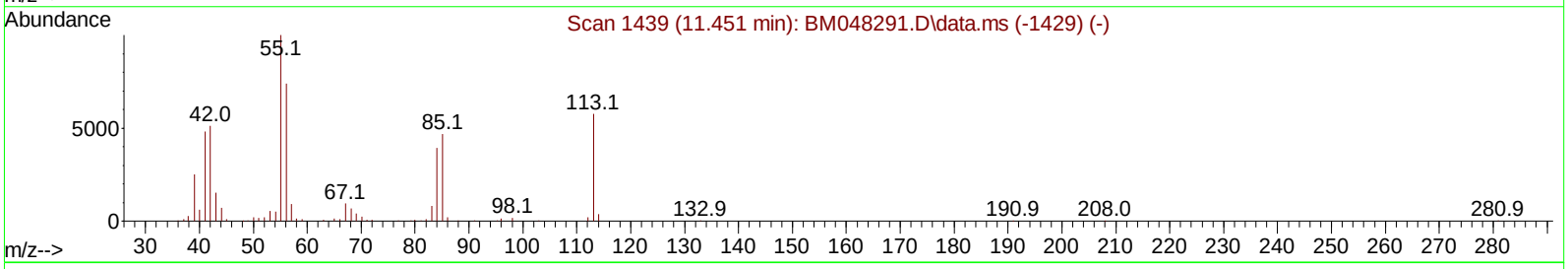
Instrument :
BNA_M
ClientSampleId :
E1L92MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/01/2024







TIC: BM048305.D\data.ms

(34) Caprolactam

11.463min (+ 0.006) 4.60 ng/ul

response 22009

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	175.00
56.00	132.30	124.32
0.00	0.00	0.00

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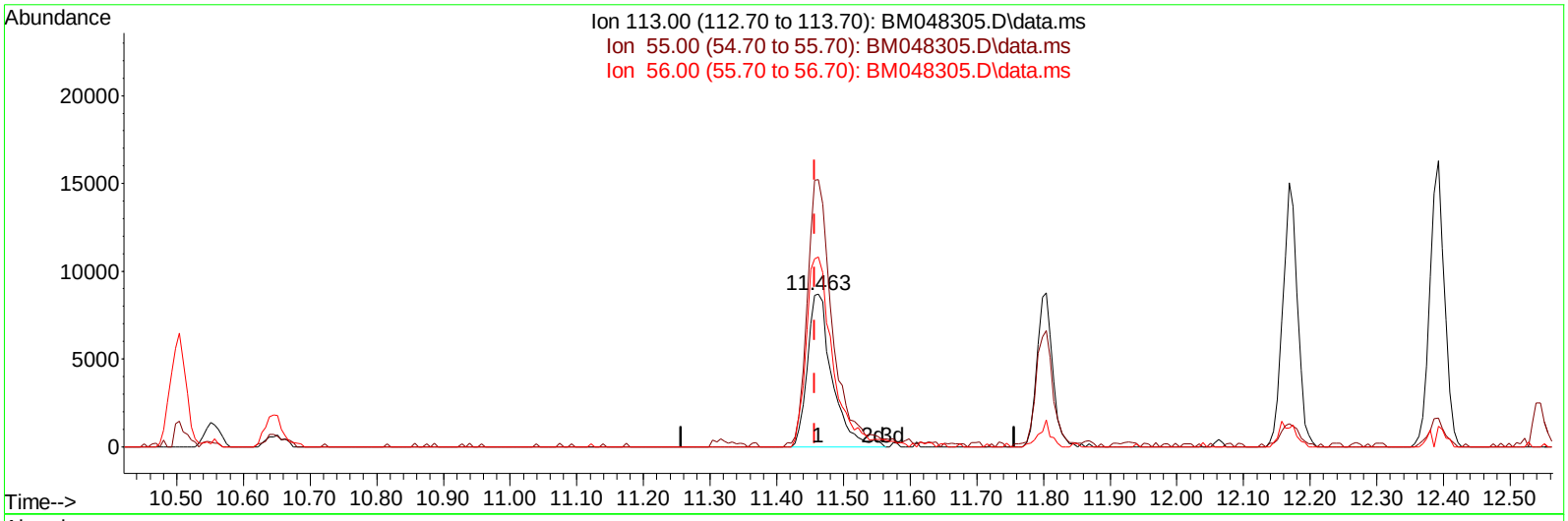

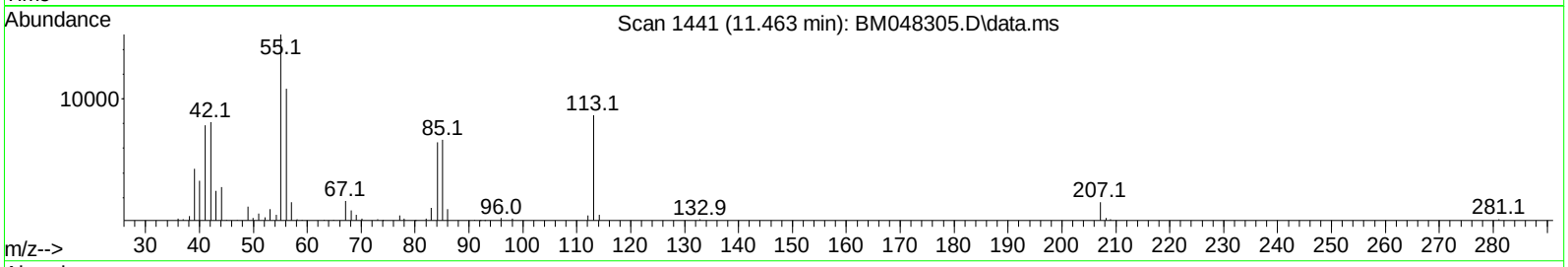

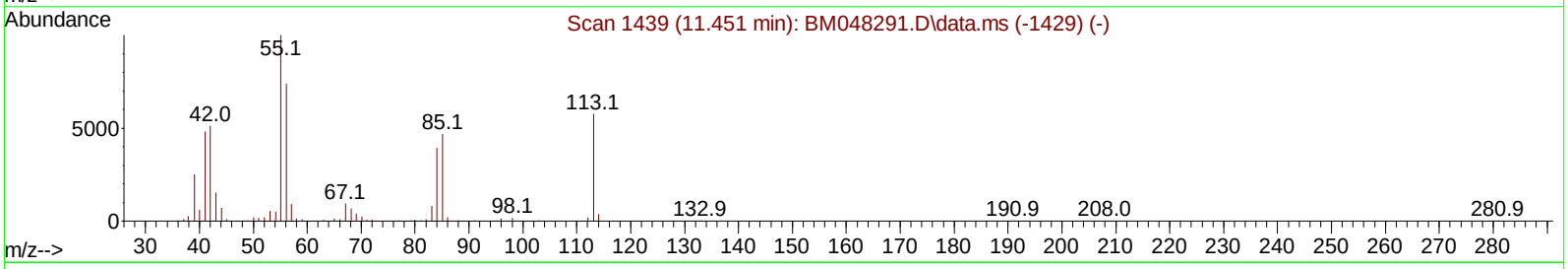

TIC: BM048305.D\data.ms

(34) Caprolactam

11.463min (+ 0.006) 4.67 ng/ul m

response 22335

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	175.00
56.00	132.30	124.32
0.00	0.00	0.00

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Sample : P4558-08MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	215666	20.000	ng/ul	0.00
20) Naphthalene-d8	10.504	136	904915	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	550185	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1043369	20.000	ng/ul	-0.01
79) Chrysene-d12	21.321	240	874962	20.000	ng/ul	-0.01
88) Perylene-d12	24.262	264	948801	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	24491	4.471	ng/uL	0.00
4) Pyridine-d5	3.593	84	52192	3.287	ng/ul	0.00
7) Phenol-d5	6.892	99	153584	8.289	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	355594	30.982	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.251	132	423980	28.139	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	292181	19.642	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	235967	31.806	ng/ul	0.00
24) 2-Nitrophenol-d4	9.592	143	261419	32.526	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.133	165	474103	32.326	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	318935	15.661	ng/ul	0.00
46) Dimethylphthalate-d6	13.774	166	1454561	35.377	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1511310	32.600	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	64974	8.641	ng/ul	0.00
60) Fluorene-d10	15.351	176	1194706	34.388	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	249274	36.152	ng/ul	0.00
73) Anthracene-d10	17.198	188	1853063	37.559	ng/ul	-0.01
81) Pyrene-d10	19.492	212	2035974	38.346	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	1946643	38.898	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	31324	5.409	ng/uL	97
5) Pyridine	3.610	79	75778	4.657	ng/ul	95
6) Benzaldehyde	6.857	77	221755	24.183	ng/ul	96
8) Phenol	6.922	94	174899	9.064	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.140	93	484411	31.423	ng/ul	99
12) 2-Chlorophenol	7.281	128	455128	29.421	ng/ul	99
13) 2-Methylphenol	8.163	108	346063	23.840	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.234	45	739349	31.380	ng/ul	99
16) Acetophenone	8.539	105	780966	33.334	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.522	70	396345	32.983	ng/ul	99
18) 4-Methylphenol	8.492	108	338873	21.152	ng/ul	95
19) Hexachloroethane	8.786	117	136199	20.885	ng/ul	96
22) Nitrobenzene	8.916	77	561450	32.567	ng/ul	98
23) Isophorone	9.445	82	1103810	33.040	ng/ul	99
25) 2-Nitrophenol	9.622	139	294214	33.397	ng/ul	98
26) 2,4-Dimethylphenol	9.692	107	493291	30.501	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.922	93	662571	31.976	ng/ul	99
29) 2,4-Dichlorophenol	10.157	162	489119	32.592	ng/ul	99
30) Naphthalene	10.551	128	1450170	28.693	ng/ul	100
32) 4-Chloroaniline	10.669	127	221929	11.247	ng/ul	100
33) Hexachlorobutadiene	10.839	225	238190	23.818	ng/ul	99
34) Caprolactam	11.463	113	22335m	4.666	ng/ul	
35) 4-Chloro-3-methylphenol	11.804	107	478739	31.705	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.169	142	1044086	30.647	ng/ul	99
37) 1-Methylnaphthalene	12.392	142	1048818	30.348	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	574289	32.970	ng/ul	99
40) Hexachlorocyclopentadiene	12.522	237	229448	22.006	ng/ul	98
41) 2,4,6-Trichlorophenol	12.786	196	403277	35.869	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	439576	37.016	ng/ul	98
43) 1,1'-Biphenyl	13.192	154	1445362	34.252	ng/ul	99
44) 2-Chloronaphthalene	13.227	162	1113460	34.051	ng/ul	98
45) 2-Nitroaniline	13.439	65	335239	37.044	ng/ul	97
47) Dimethylphthalate	13.821	163	1483457	35.975	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	303656	37.872	ng/ul	97
50) Acenaphthylene	14.080	152	1755861	34.674	ng/ul	99
51) 3-Nitroaniline	14.268	138	251919	29.849	ng/ul	97
52) Acenaphthene	14.421	153	1248068	34.733	ng/ul	99
53) 2,4-Dinitrophenol	14.480	184	178326	32.700	ng/ul	95
55) 4-Nitrophenol	14.592	109	49187	8.961	ng/ul	99
56) Dibenzofuran	14.757	168	1755608	35.513	ng/ul	99
57) 2,4-Dinitrotoluene	14.727	165	433209	36.957	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.986	232	362975	35.651	ng/ul	96
59) Diethylphthalate	15.186	149	1517205	36.572	ng/ul	99
61) Fluorene	15.410	166	1405965	35.716	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.404	204	703219	35.585	ng/ul	100
63) 4-Nitroaniline	15.433	138	301855	39.499	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.498	198	274396	37.121	ng/ul	98
67) N-Nitrosodiphenylamine	15.615	169	1175598	37.738	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	437390	38.423	ng/ul	96
69) Hexachlorobenzene	16.410	284	509116	37.379	ng/ul	99
70) Atrazine	16.568	200	263419	24.698	ng/ul	99
71) Pentachlorophenol	16.757	266	315150	36.569	ng/ul	97
72) Phenanthrene	17.145	178	2176727	37.676	ng/ul	100
74) Anthracene	17.233	178	2204603	38.124	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	573285	34.720	ng/uL	98
76) Pentachlorobenzene	14.680	250	596465	35.496	ng/uL	99
77) Carbazole	17.509	167	1979840	38.993	ng/ul	100
78) Di-n-butylphthalate	18.068	149	2600863	38.980	ng/ul	100
80) Fluoranthene	19.156	202	2417266	39.127	ng/ul	97
82) Pyrene	19.521	202	2571666	38.824	ng/ul	99
83) Butylbenzylphthalate	20.415	149	1116482	40.787	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.233	252	447854	23.459	ng/ul	99
85) Benzo(a)anthracene	21.303	228	2427789	38.476	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1663740	42.179	ng/ul	98
87) Chrysene	21.368	228	2266837	38.204	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	2789003	39.291	ng/ul	100
90) Benzo(b)fluoranthene	23.338	252	2351565	38.838	ng/ul	99
91) Benzo(k)fluoranthene	23.397	252	2347360	38.720	ng/ul	100
93) Benzo(a)pyrene	24.133	252	2168404	39.366	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.579	276	2790437	42.064	ng/ul	99
95) Dibenzo(a,h)anthracene	27.632	278	2307308	42.528	ng/ul	100
96) Benzo(g,h,i)perylene	28.620	276	2162777	42.485	ng/ul	100

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

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