Quantitation Report (Qedit)

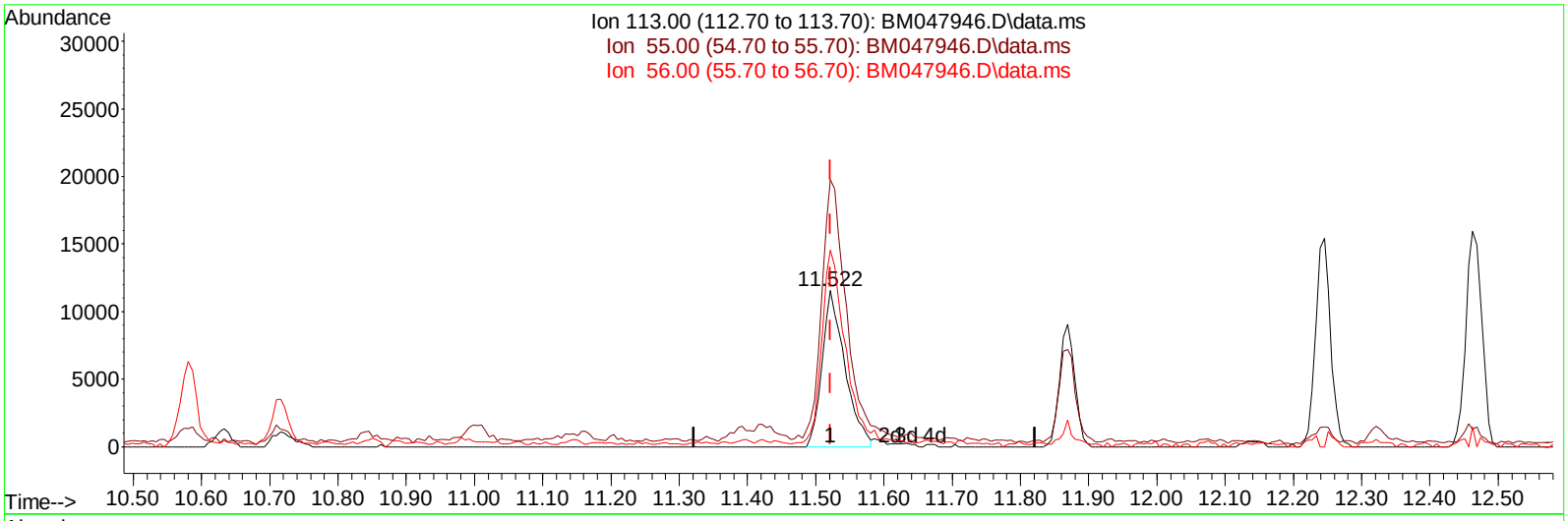
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100924\
Data File : BM047946.D
Acq On : 09 Oct 2024 16:05
Operator : RC/JU
Sample : P4187-14MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

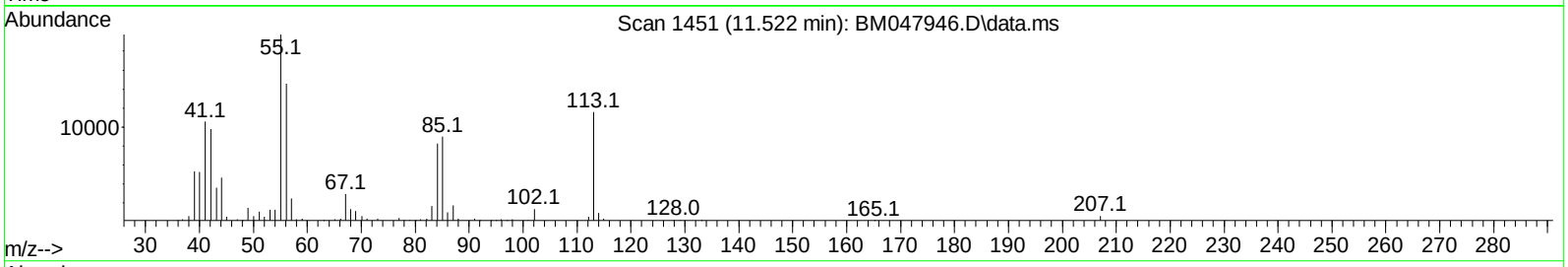
Quant Time: Oct 09 16:54:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

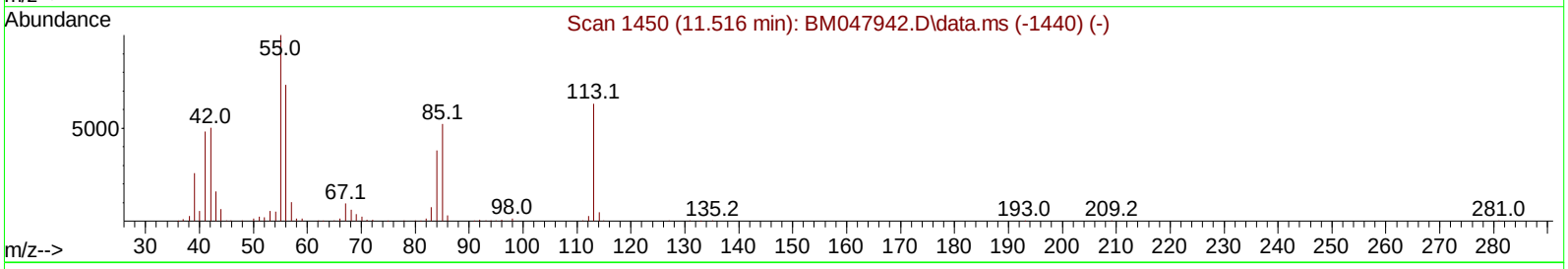
Instrument :
BNA_M
ClientSampleId :
EY072MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024







TIC: BM047946.D\data.ms

(34) Caprolactam

11.522min (+ 0.000) 6.01 ng/ul

response 26770

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	170.67
56.00	164.10	125.94#
0.00	0.00	0.00

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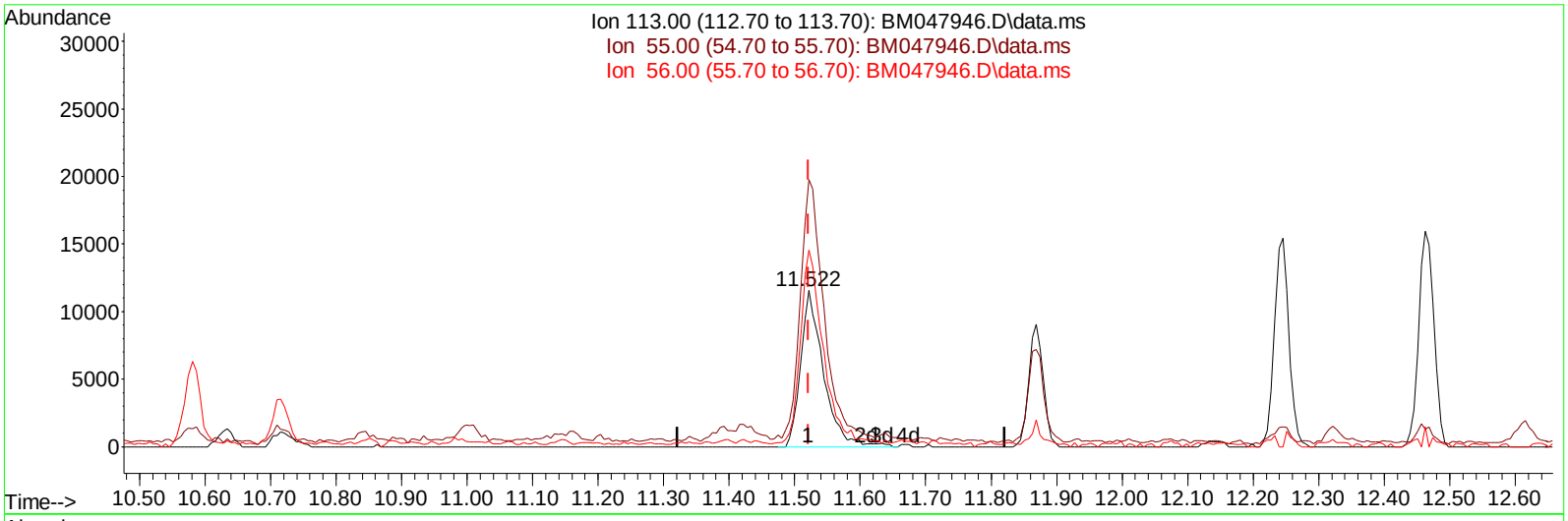

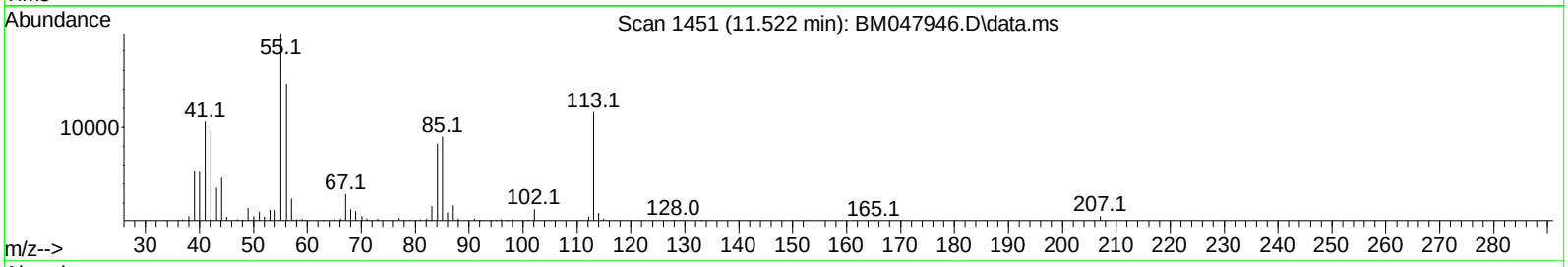

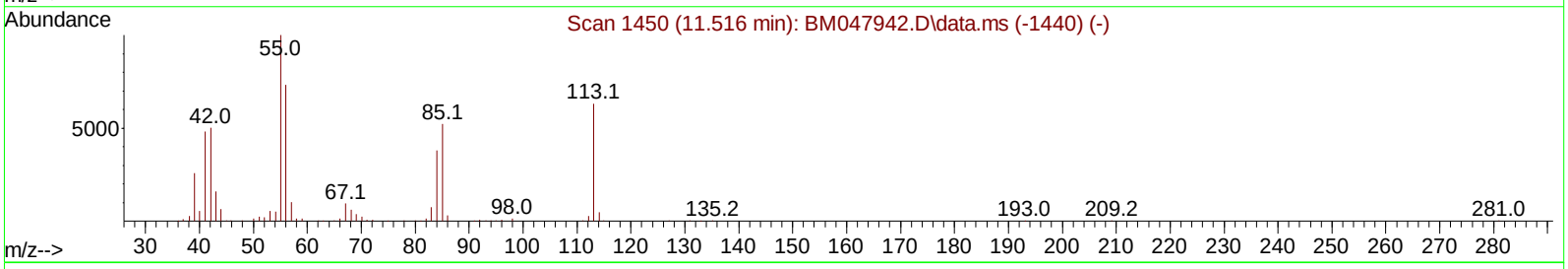

TIC: BM047946.D\data.ms

(34) Caprolactam

11.522min (+ 0.000) 6.27 ng/ul m

response 27934

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	170.67
56.00	164.10	125.94#
0.00	0.00	0.00

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Acq On : 09 Oct 2024 16:05
Operator : RC/JU
Sample : P4187-14MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 09 16:59:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

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	7.792	152	218929	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	885549	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.427	164	540274	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.162	188	1111552	20.000	ng/ul	-0.01
79) Chrysene-d12	21.392	240	1102532	20.000	ng/ul	0.00
88) Perylene-d12	24.380	264	1270742	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	26200	3.867	ng/uL	0.00
4) Pyridine-d5	3.663	84	165860	8.362	ng/ul	0.00
7) Phenol-d5	6.957	99	162921	7.870	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.122	67	343573	23.388	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	440882	29.271	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	290355	18.864	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	234328	33.234	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	265462	39.288	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.204	165	473802	35.103	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.716	131	582004	27.891	ng/ul	-0.01
46) Dimethylphthalate-d6	13.833	166	1351977	34.515	ng/ul	-0.01
49) Acenaphthylene-d8	14.116	160	1521865	32.769	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.627	143	78045	10.007	ng/ul	0.00
60) Fluorene-d10	15.416	176	1170160	34.489	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.533	200	243210	37.390	ng/ul	0.00
73) Anthracene-d10	17.262	188	1869780	34.210	ng/ul	-0.01
81) Pyrene-d10	19.551	212	2248957	35.941	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.174	264	2357059	35.750	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	36017	4.867	ng/uL	86
5) Pyridine	3.681	79	199333	9.545	ng/ul	88
6) Benzaldehyde	6.928	77	328290	29.160	ng/ul	87
8) Phenol	6.987	94	184232	8.364	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.210	93	482133	27.469	ng/ul	92
12) 2-Chlorophenol	7.357	128	467187	29.279	ng/ul	91
13) 2-Methylphenol	8.234	108	347240	22.607	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.310	45	694302	21.013	ng/ul#	95
16) Acetophenone	8.610	105	761365	28.909	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.598	70	376917	27.020	ng/ul#	86
18) 4-Methylphenol	8.563	108	338952	19.637	ng/ul	98
19) Hexachloroethane	8.869	117	167710	23.383	ng/ul	89
22) Nitrobenzene	8.986	77	558967	27.908	ng/ul	91
23) Isophorone	9.516	82	1088413	30.378	ng/ul	94
25) 2-Nitrophenol	9.698	139	292139	37.794	ng/ul#	85
26) 2,4-Dimethylphenol	9.763	107	385312	23.264	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.992	93	644610	29.415	ng/ul	97
29) 2,4-Dichlorophenol	10.233	162	492116	35.309	ng/ul	98
30) Naphthalene	10.633	128	1557464	30.576	ng/ul	99
32) 4-Chloroaniline	10.739	127	506884	24.669	ng/ul	99
33) Hexachlorobutadiene	10.922	225	263307	28.593	ng/ul	99
34) Caprolactam	11.522	113	27934m	6.267	ng/ul	
35) 4-Chloro-3-methylphenol	11.869	107	488135	33.834	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	1069326	33.040	ng/ul	95
37) 1-Methylnaphthalene	12.463	142	1075252	32.654	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	560112	31.847	ng/ul#	96
40) Hexachlorocyclopentadiene	12.598	237	173133	16.276	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	390930	38.417	ng/ul	99
42) 2,4,5-Trichlorophenol	12.927	196	426294	38.310	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	1405305	32.487	ng/ul#	98
44) 2-Chloronaphthalene	13.298	162	1102577	32.957	ng/ul	97
45) 2-Nitroaniline	13.504	65	341555	32.160	ng/ul#	74
47) Dimethylphthalate	13.880	163	1393980	35.140	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	283950	40.758	ng/ul#	84
50) Acenaphthylene	14.145	152	1791269	34.200	ng/ul	99
51) 3-Nitroaniline	14.327	138	314572	37.307	ng/ul	88
52) Acenaphthene	14.486	153	1222541	33.020	ng/ul	98
53) 2,4-Dinitrophenol	14.533	184	173302	40.257	ng/ul#	77
55) 4-Nitrophenol	14.639	109	60599	9.255	ng/ul	90
56) Dibenzofuran	14.821	168	1700674	34.124	ng/ul	97
57) 2,4-Dinitrotoluene	14.786	165	434760	41.550	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.051	232	360360	41.084	ng/ul#	96
59) Diethylphthalate	15.245	149	1394312	35.129	ng/ul	98
61) Fluorene	15.474	166	1393362	33.511	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	657962	33.489	ng/ul	97
63) 4-Nitroaniline	15.486	138	362355	44.249	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.551	198	270778	37.568	ng/ul#	87
67) N-Nitrosodiphenylamine	15.680	169	1163651	33.595	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	412137	35.970	ng/ul	96
69) Hexachlorobenzene	16.474	284	496097	37.206	ng/ul	93
70) Atrazine	16.627	200	316066	27.412	ng/ul	97
71) Pentachlorophenol	16.815	266	316548	37.335	ng/ul	99
72) Phenanthrene	17.204	178	2242800	34.407	ng/ul	100
74) Anthracene	17.298	178	2267944	34.112	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.227	216	554019	30.103	ng/uL	99
76) Pentachlorobenzene	14.745	250	557709	31.045	ng/uL	98
77) Carbazole	17.562	167	2182295	36.213	ng/ul	99
78) Di-n-butylphthalate	18.127	149	2430553	36.228	ng/ul	99
80) Fluoranthene	19.215	202	2683769	36.416	ng/ul	99
82) Pyrene	19.580	202	2891750	35.255	ng/ul	96
83) Butylbenzylphthalate	20.474	149	1155148	39.835	ng/ul	85
84) 3,3'-Dichlorobenzidine	21.292	252	830527	35.650	ng/ul	99
85) Benzo(a)anthracene	21.374	228	2821351	36.548	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1616007	37.117	ng/ul	97
87) Chrysene	21.433	228	2675879	35.556	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	2889134	35.249	ng/ul	100
90) Benzo(b)fluoranthene	23.433	252	2905700	36.667	ng/ul	99
91) Benzo(k)fluoranthene	23.497	252	2793538	34.475	ng/ul	99
93) Benzo(a)pyrene	24.244	252	2548135	33.857	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.762	276	3433807	35.602	ng/ul	98
95) Dibenzo(a,h)anthracene	27.815	278	2839017	35.918	ng/ul	98
96) Benzo(g,h,i)perylene	28.815	276	2701190	35.745	ng/ul	96

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

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