Quantitation Report (Qedit)

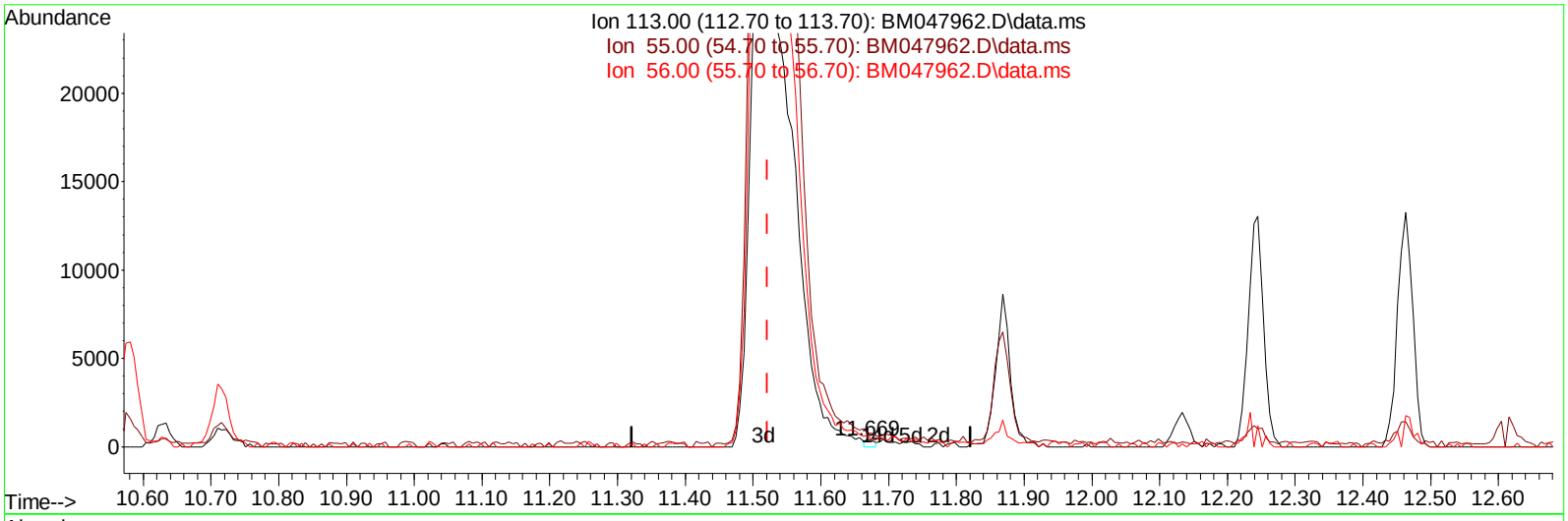
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100924\
Data File : BM047962.D
Acq On : 10 Oct 2024 02:36
Operator : RC/JU
Sample : PB163686BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

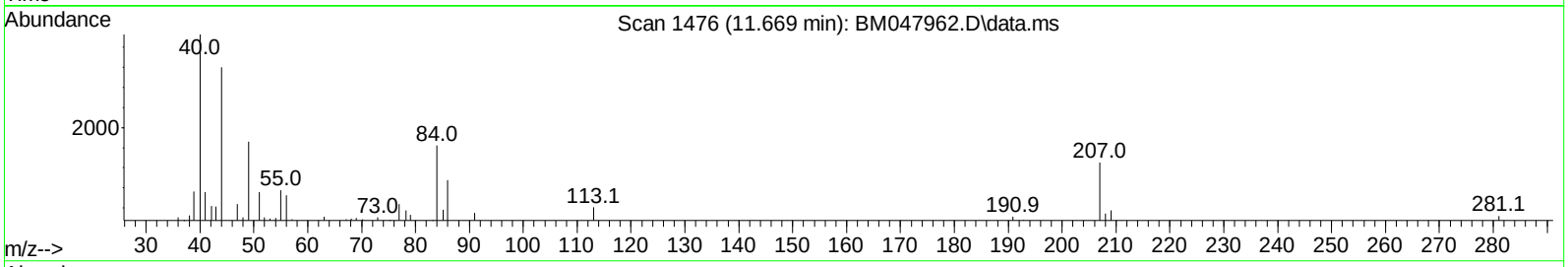
Quant Time: Oct 10 03:14:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

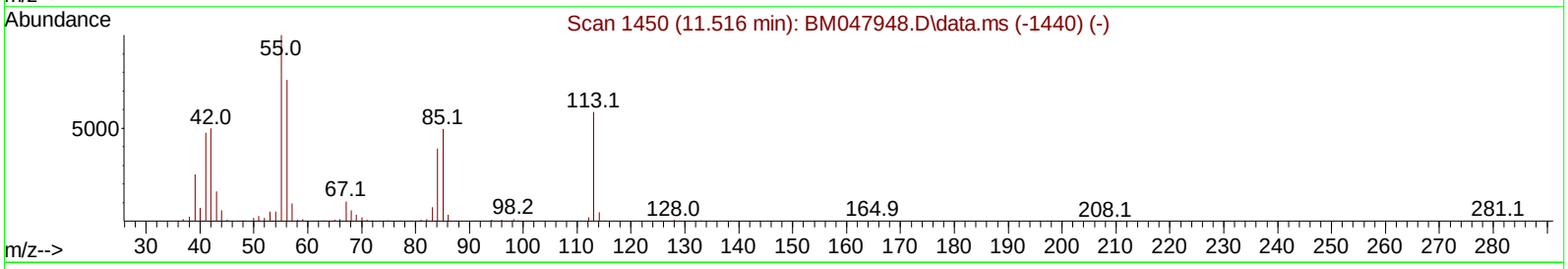
Instrument :
BNA_M
ClientSampleId :
SLCS686

Manual IntegrationsAPPROVED

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







TIC: BM047962.D\data.ms

(34) Caprolactam

11.669min (+ 0.147) 0.07 ng/ul

response 362

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	183.66
56.00	164.10	160.24
0.00	0.00	0.00

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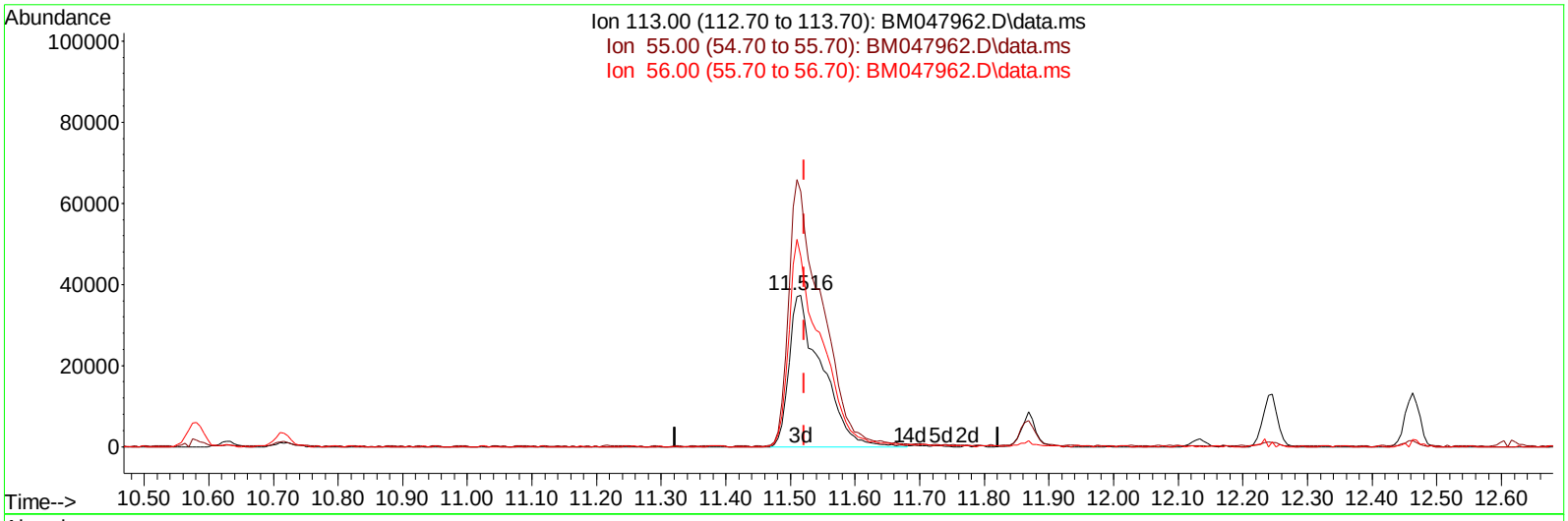

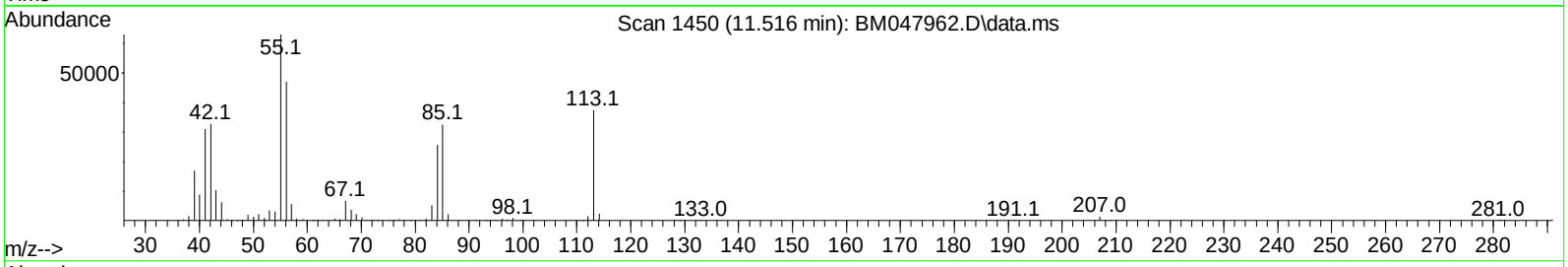

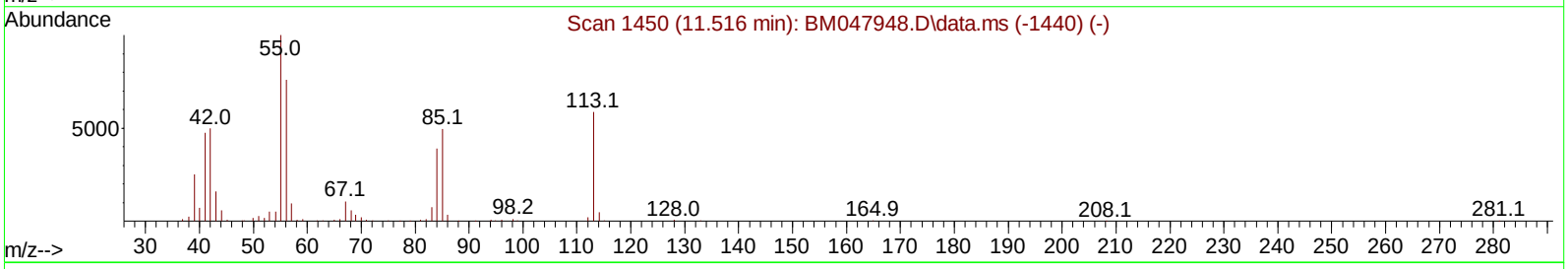

TIC: BM047962.D\data.ms

(34) Caprolactam

11.516min (-0.006) 27.10 ng/ul m

response 131699

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	168.31
56.00	164.10	125.51#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	242333	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.581	136	965354	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.422	164	589595	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.163	188	1207999	20.000	ng/ul	-0.01
79) Chrysene-d12	21.386	240	1234479	20.000	ng/ul	-0.01
88) Perylene-d12	24.374	264	1412680	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	33873	4.517	ng/uL	-0.01
4) Pyridine-d5	3.658	84	451981	20.585	ng/ul	0.00
7) Phenol-d5	6.957	99	532314	23.230	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.116	67	315040	19.375	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.322	132	442838	26.562	ng/ul	-0.01
15) 4-Methylphenol-d8	8.498	113	408537	23.979	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	206883	26.916	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	220223	29.899	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.204	165	414536	28.173	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.716	131	550880	24.217	ng/ul	-0.01
46) Dimethylphthalate-d6	13.833	166	1084594	25.373	ng/ul	-0.01
49) Acenaphthylene-d8	14.116	160	1314356	25.933	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.627	143	233592	27.447	ng/ul	0.00
60) Fluorene-d10	15.416	176	961448	25.967	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.533	200	188178	26.620	ng/ul	0.00
73) Anthracene-d10	17.257	188	1487880	25.049	ng/ul	-0.02
81) Pyrene-d10	19.545	212	1825020	26.048	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.168	264	2007933	27.395	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	67811	8.279	ng/uL	89
5) Pyridine	3.675	79	464046	20.075	ng/ul	90
6) Benzaldehyde	6.928	77	275357	22.096	ng/ul	90
8) Phenol	6.987	94	555341	22.776	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.210	93	420425	21.640	ng/ul	92
12) 2-Chlorophenol	7.357	128	454959	25.759	ng/ul	91
13) 2-Methylphenol	8.234	108	399381	23.491	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.304	45	628074	17.173	ng/ul#	95
16) Acetophenone	8.610	105	659138	22.610	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.593	70	319249	20.676	ng/ul#	89
18) 4-Methylphenol	8.557	108	442390	23.155	ng/ul	98
19) Hexachloroethane	8.869	117	188736	23.773	ng/ul	87
22) Nitrobenzene	8.981	77	481482	22.052	ng/ul	92
23) Isophorone	9.510	82	871482	22.313	ng/ul	95
25) 2-Nitrophenol	9.692	139	241531	28.663	ng/ul	88
26) 2,4-Dimethylphenol	9.757	107	349122	19.336	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.992	93	531901	22.265	ng/ul	99
29) 2,4-Dichlorophenol	10.234	162	416049	27.384	ng/ul	97
30) Naphthalene	10.628	128	1369728	24.667	ng/ul	99
32) 4-Chloroaniline	10.739	127	441732	19.721	ng/ul	99
33) Hexachlorobutadiene	10.916	225	255977	25.499	ng/ul	97
34) Caprolactam	11.516	113	131699m	27.104	ng/ul	
35) 4-Chloro-3-methylphenol	11.869	107	416759	26.499	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.239	142	909017	25.765	ng/ul	97
37) 1-Methylnaphthalene	12.463	142	900616	25.090	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.616	216	480083	25.014	ng/ul#	96
40) Hexachlorocyclopentadiene	12.592	237	213154	18.362	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	307066	27.651	ng/ul	98
42) 2,4,5-Trichlorophenol	12.928	196	331964	27.337	ng/ul	97
43) 1,1'-Biphenyl	13.257	154	1158952	24.551	ng/ul#	98
44) 2-Chloronaphthalene	13.298	162	911095	24.955	ng/ul	96
45) 2-Nitroaniline	13.498	65	265863	22.939	ng/ul#	78
47) Dimethylphthalate	13.880	163	1091429	25.212	ng/ul	100
48) 2,6-Dinitrotoluene	13.998	165	216672	28.499	ng/ul#	83
50) Acenaphthylene	14.145	152	1468545	25.693	ng/ul	99
51) 3-Nitroaniline	14.322	138	249723	27.139	ng/ul	87
52) Acenaphthene	14.486	153	984822	24.374	ng/ul	98
53) 2,4-Dinitrophenol	14.533	184	127492	27.138	ng/ul#	77
55) 4-Nitrophenol	14.639	109	175570	24.570	ng/ul	86
56) Dibenzofuran	14.822	168	1381791	25.407	ng/ul	96
57) 2,4-Dinitrotoluene	14.786	165	335053	29.342	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.051	232	271735	28.388	ng/ul#	96
59) Diethylphthalate	15.245	149	1072382	24.758	ng/ul	98
61) Fluorene	15.469	166	1110871	24.482	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	531968	24.811	ng/ul	97
63) 4-Nitroaniline	15.486	138	276239	30.911	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.545	198	203481	25.977	ng/ul#	87
67) N-Nitrosodiphenylamine	15.674	169	932312	24.767	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	318785	25.601	ng/ul	95
69) Hexachlorobenzene	16.474	284	381346	26.317	ng/ul	92
70) Atrazine	16.627	200	231883	18.505	ng/ul	99
71) Pentachlorophenol	16.816	266	243882	26.468	ng/ul	99
72) Phenanthrene	17.204	178	1775711	25.066	ng/ul	99
74) Anthracene	17.292	178	1769871	24.495	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	466151	23.306	ng/uL	100
76) Pentachlorobenzene	14.745	250	451589	23.131	ng/uL	99
77) Carbazole	17.563	167	1688576	25.783	ng/ul	99
78) Di-n-butylphthalate	18.127	149	1839831	25.233	ng/ul	98
80) Fluoranthene	19.215	202	2122212	25.719	ng/ul	97
82) Pyrene	19.574	202	2304412	25.091	ng/ul	97
83) Butylbenzylphthalate	20.468	149	874435	26.932	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.292	252	713726	27.362	ng/ul	99
85) Benzo(a)anthracene	21.368	228	2284527	26.431	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1255063	25.746	ng/ul	99
87) Chrysene	21.427	228	2164242	25.684	ng/ul	100
89) Di-n-octyl phthalate	22.415	149	2203826	24.186	ng/ul	100
90) Benzo(b)fluoranthene	23.433	252	2357274	26.757	ng/ul	98
91) Benzo(k)fluoranthene	23.492	252	2302110	25.556	ng/ul	98
93) Benzo(a)pyrene	24.239	252	2130802	25.467	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.744	276	2799184	26.106	ng/ul	98
95) Dibenzo(a,h)anthracene	27.803	278	2308352	26.270	ng/ul	98
96) Benzo(g,h,i)perylene	28.797	276	2200077	26.189	ng/ul	97

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

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