Quantitation Report (Qedit)

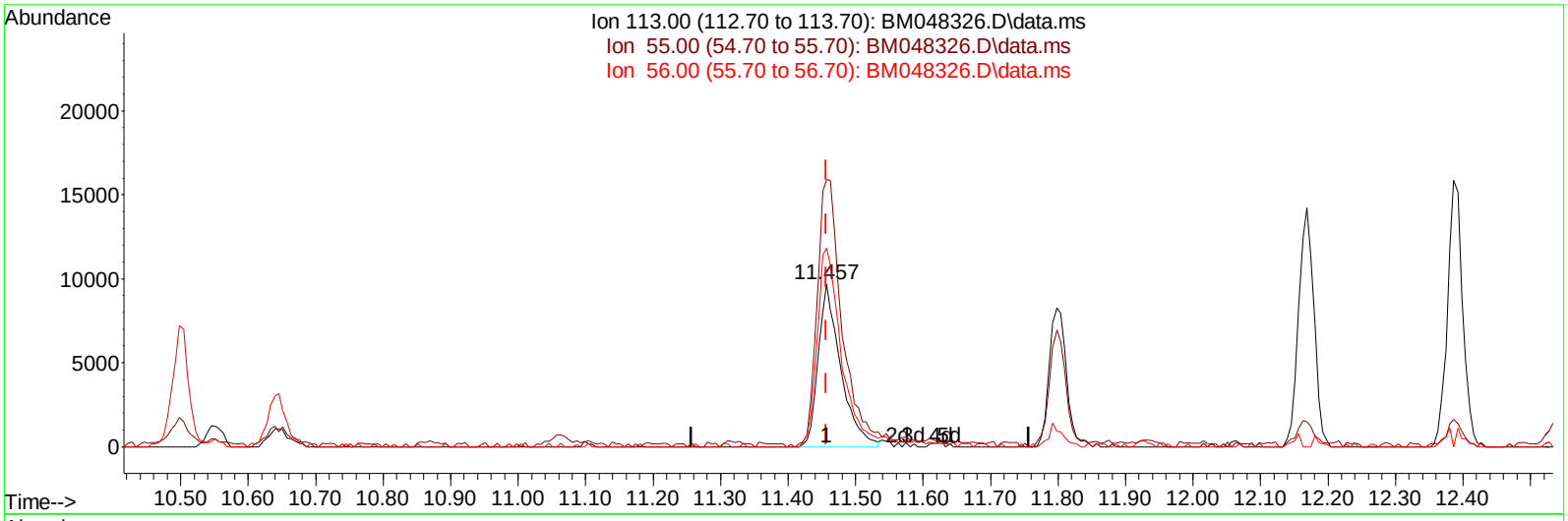
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048326.D
Acq On : 30 Oct 2024 17:00
Operator : RC/JU
Sample : P4535-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

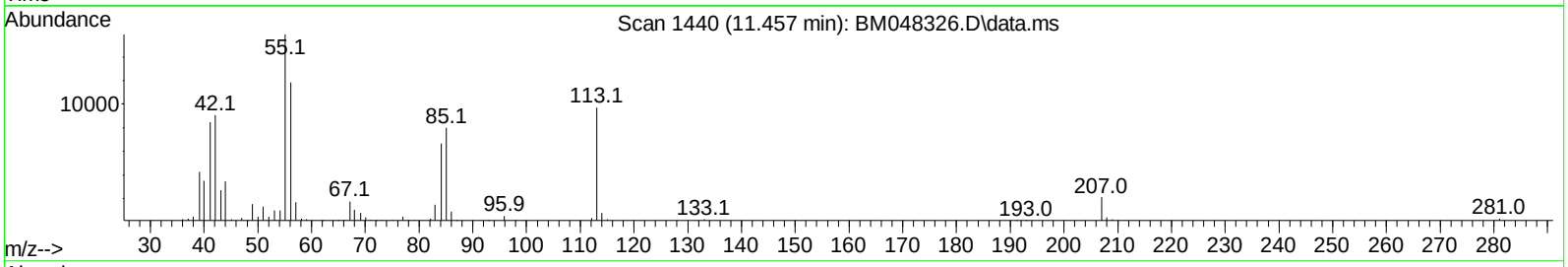
Quant Time: Nov 07 00:22:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration

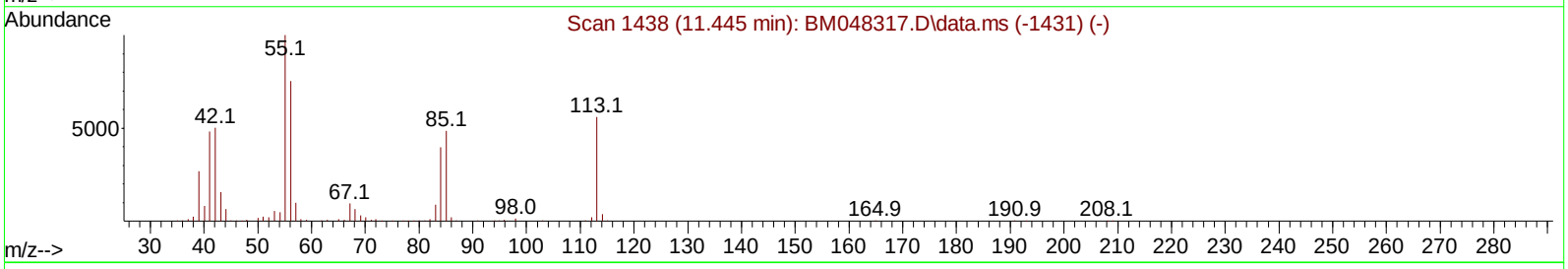
Instrument :
BNA_M
ClientSampleId :
E1L68MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/31/2024
Supervised By :mohammad ahmed 11/01/2024







TIC: BM048326.D\data.ms

(34) Caprolactam

11.457min (+ 0.000) 4.24 ng/ul

response 22444

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	163.78
56.00	132.30	121.87
0.00	0.00	0.00

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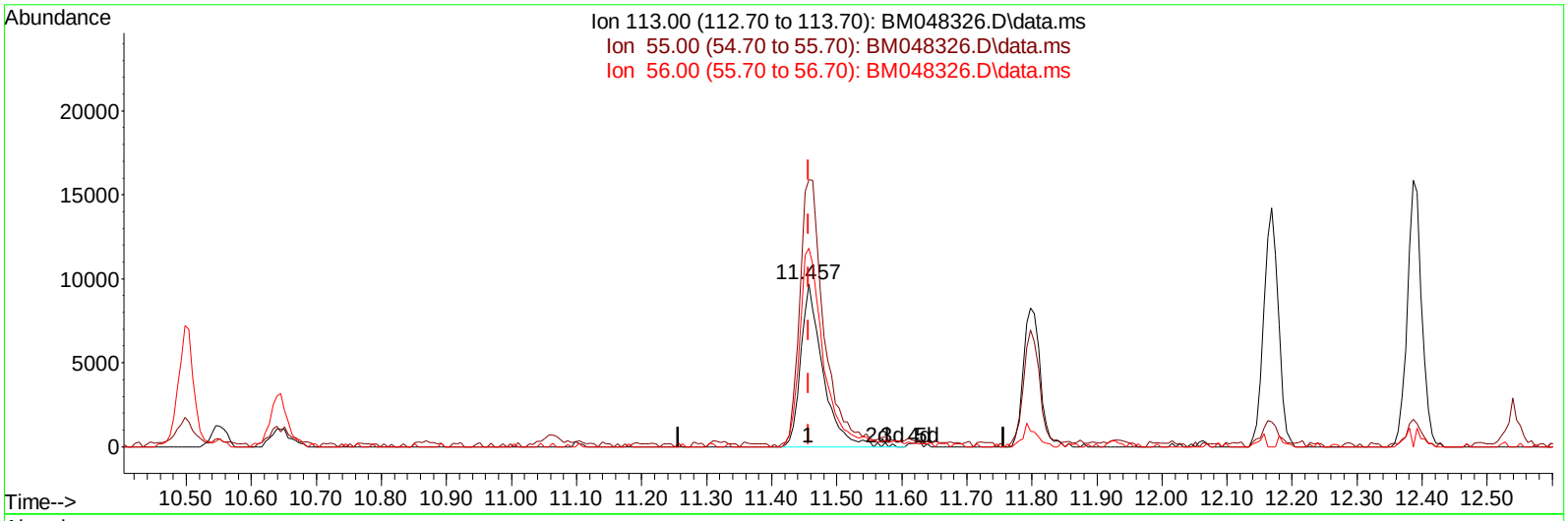

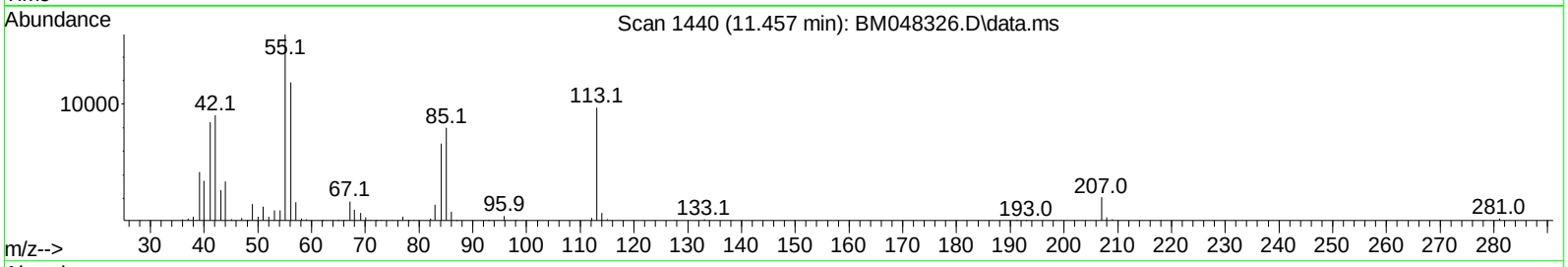

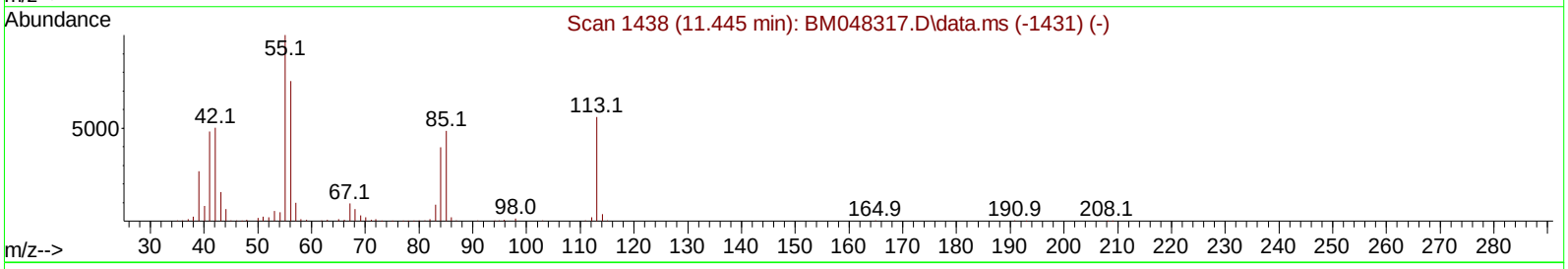

TIC: BM048326.D\data.ms

(34) Caprolactam

11.457min (+ 0.000) 4.35 ng/ul m

response 23028

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	163.78
56.00	132.30	121.87
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	7.710	152	242628	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.498	136	1001304	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.357	164	609155	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1160506	20.000	ng/ul	-0.01
79) Chrysene-d12	21.321	240	999250	20.000	ng/ul	-0.01
88) Perylene-d12	24.262	264	1095031	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	25687	4.168	ng/uL	0.00
4) Pyridine-d5	3.587	84	167184	9.359	ng/ul	0.00
7) Phenol-d5	6.893	99	153208	7.350	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	371230	28.750	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.246	132	430090	25.372	ng/ul	-0.01
15) 4-Methylphenol-d8	8.428	113	292763	17.494	ng/ul	-0.01
21) Nitrobenzene-d5	8.869	128	242267	29.511	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.592	143	268115	30.148	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	476696	29.374	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	579194	25.702	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1497205	32.889	ng/ul	-0.01
49) Acenaphthylene-d8	14.051	160	1534433	29.895	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	61705	7.412	ng/ul	0.00
60) Fluorene-d10	15.351	176	1210269	31.463	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	245501	32.011	ng/ul	0.00
73) Anthracene-d10	17.198	188	1907031	34.752	ng/ul	-0.01
81) Pyrene-d10	19.492	212	2150133	35.459	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	2088972	36.168	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	32917	5.053	ng/uL	98
5) Pyridine	3.605	79	184215	10.062	ng/ul	98
6) Benzaldehyde	6.857	77	243067	23.562	ng/ul	97
8) Phenol	6.916	94	181647	8.368	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.140	93	510971	29.463	ng/ul	98
12) 2-Chlorophenol	7.281	128	471707	27.104	ng/ul	98
13) 2-Methylphenol	8.163	108	360914	22.100	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.234	45	747986	28.219	ng/ul	99
16) Acetophenone	8.534	105	809519	30.713	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.522	70	406301	30.055	ng/ul	99
18) 4-Methylphenol	8.493	108	346321	19.215	ng/ul	97
19) Hexachloroethane	8.787	117	101768	13.871	ng/ul	97
22) Nitrobenzene	8.910	77	579812	30.395	ng/ul	99
23) Isophorone	9.440	82	1137886	30.781	ng/ul	98
25) 2-Nitrophenol	9.622	139	301867	30.967	ng/ul	100
26) 2,4-Dimethylphenol	9.687	107	496497	27.744	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.916	93	700889	30.569	ng/ul	99
29) 2,4-Dichlorophenol	10.157	162	503193	30.302	ng/ul	99
30) Naphthalene	10.551	128	1337686	23.919	ng/ul	100
32) 4-Chloroaniline	10.669	127	372296	17.051	ng/ul	99
33) Hexachlorobutadiene	10.839	225	183483	16.582	ng/ul	99
34) Caprolactam	11.457	113	23028m	4.348	ng/ul	
35) 4-Chloro-3-methylphenol	11.798	107	493477	29.535	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.169	142	1008855	26.762	ng/ul	98
37) 1-Methylnaphthalene	12.386	142	1016423	26.580	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.539	216	557146	28.889	ng/ul	99
40) Hexachlorocyclopentadiene	12.522	237	187978	16.283	ng/ul	100
41) 2,4,6-Trichlorophenol	12.786	196	417095	33.506	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	442382	33.646	ng/ul	98
43) 1,1'-Biphenyl	13.186	154	1430017	30.608	ng/ul	99
44) 2-Chloronaphthalene	13.228	162	1099866	30.380	ng/ul	98
45) 2-Nitroaniline	13.439	65	354974	35.427	ng/ul	99
47) Dimethylphthalate	13.816	163	1536671	33.658	ng/ul	99
48) 2,6-Dinitrotoluene	13.939	165	310445	34.971	ng/ul	96
50) Acenaphthylene	14.080	152	1810185	32.286	ng/ul	99
51) 3-Nitroaniline	14.269	138	307746	32.934	ng/ul	100
52) Acenaphthene	14.422	153	1273578	32.012	ng/ul	98
53) 2,4-Dinitrophenol	14.480	184	136155	22.550	ng/ul	99
55) 4-Nitrophenol	14.598	109	47341	7.790	ng/ul	93
56) Dibenzofuran	14.757	168	1787000	32.648	ng/ul	100
57) 2,4-Dinitrotoluene	14.727	165	452783	34.888	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.986	232	376970	33.441	ng/ul	97
59) Diethylphthalate	15.180	149	1576306	34.318	ng/ul	100
61) Fluorene	15.404	166	1440484	33.050	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	723503	33.067	ng/ul	98
63) 4-Nitroaniline	15.433	138	338758	40.037	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.492	198	275326	33.488	ng/ul	94
67) N-Nitrosodiphenylamine	15.616	169	1232834	35.580	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	453014	35.779	ng/ul	97
69) Hexachlorobenzene	16.410	284	528806	34.906	ng/ul	98
70) Atrazine	16.568	200	448651	37.819	ng/ul	99
71) Pentachlorophenol	16.757	266	305338	31.855	ng/ul	97
72) Phenanthrene	17.145	178	2281965	35.511	ng/ul	99
74) Anthracene	17.233	178	2272298	35.328	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.151	216	565665	30.800	ng/uL	99
76) Pentachlorobenzene	14.680	250	603979	32.315	ng/uL	99
77) Carbazole	17.504	167	2118621	37.514	ng/ul	100
78) Di-n-butylphthalate	18.068	149	2769542	37.318	ng/ul	100
80) Fluoranthene	19.157	202	2572345	36.458	ng/ul	97
82) Pyrene	19.521	202	2733199	36.130	ng/ul	100
83) Butylbenzylphthalate	20.415	149	1219117	38.997	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	711784	32.646	ng/ul	99
85) Benzo(a)anthracene	21.303	228	2581142	35.818	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1829860	40.620	ng/ul	98
87) Chrysene	21.368	228	2425239	35.790	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	3045644	37.177	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2532693	36.243	ng/ul	100
91) Benzo(k)fluoranthene	23.397	252	2524746	36.085	ng/ul	100
93) Benzo(a)pyrene	24.133	252	2321824	36.523	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.585	276	3005174	39.252	ng/ul	99
95) Dibenzo(a,h)anthracene	27.632	278	2482180	39.642	ng/ul	100
96) Benzo(g,h,i)perylene	28.615	276	2327223	39.610	ng/ul	99

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

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