Quantitation Report (Qedit)

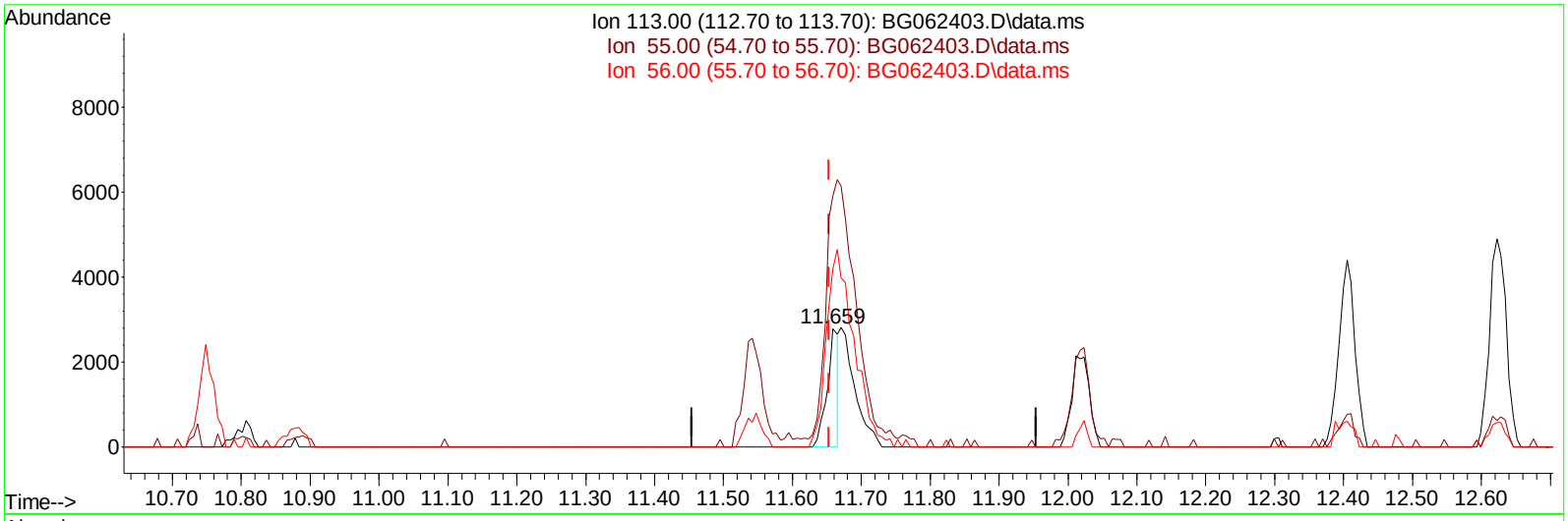
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081424\
Data File : BG062403.D
Acq On : 14 Aug 2024 20:23
Operator : MA/JU
Sample : P3589-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

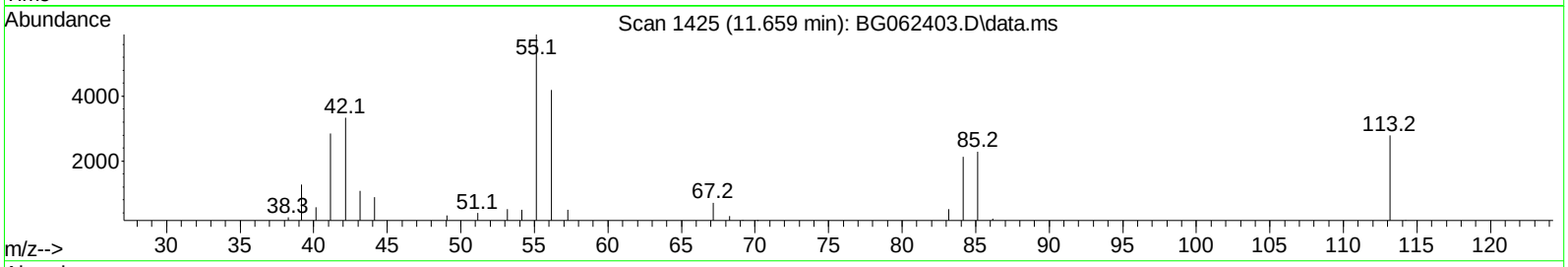
Quant Time: Aug 15 00:53:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
Response via : Initial Calibration

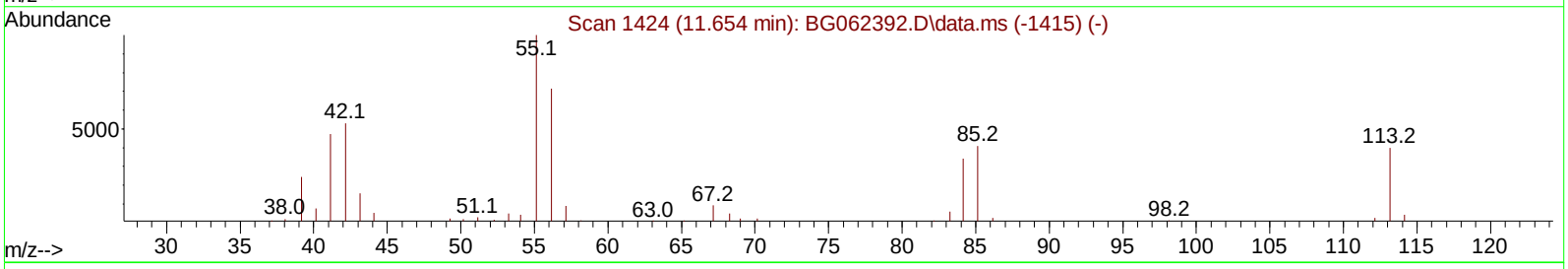
Instrument :
BNA_G
ClientSampleId :
E0CK5MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024







TIC: BG062403.D\data.ms

(34) Caprolactam

11.659min (+ 0.005) 1.73 ng/ul

response 3110

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	212.22
56.00	178.20	150.68
0.00	0.00	0.00

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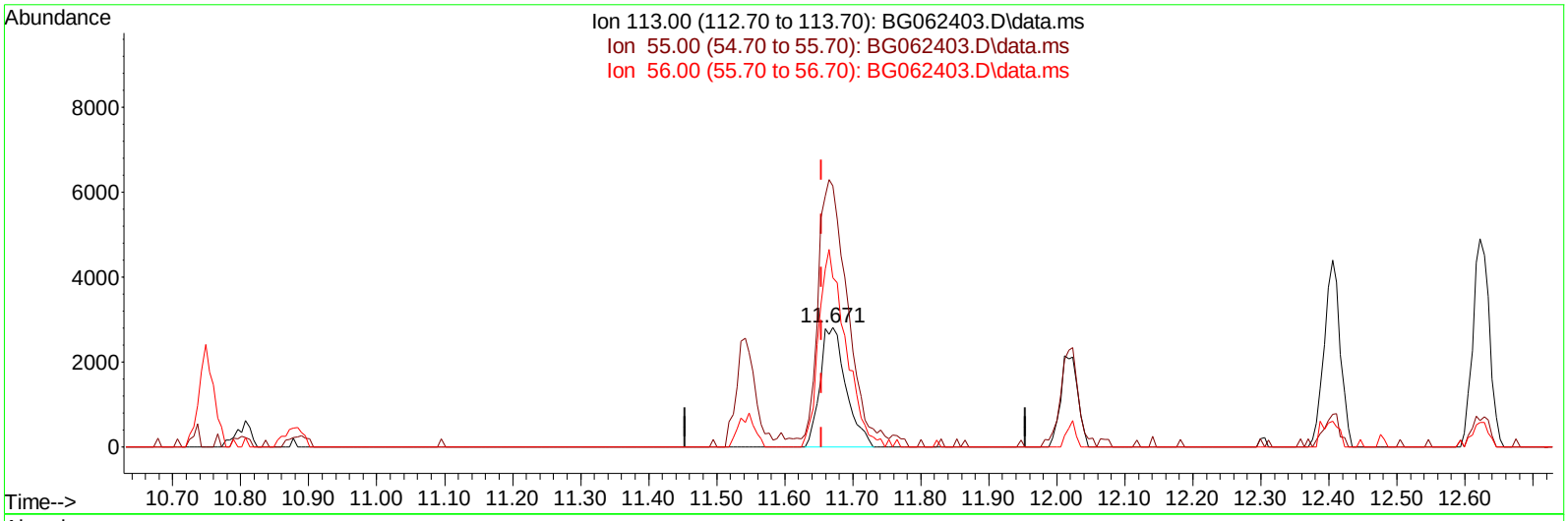

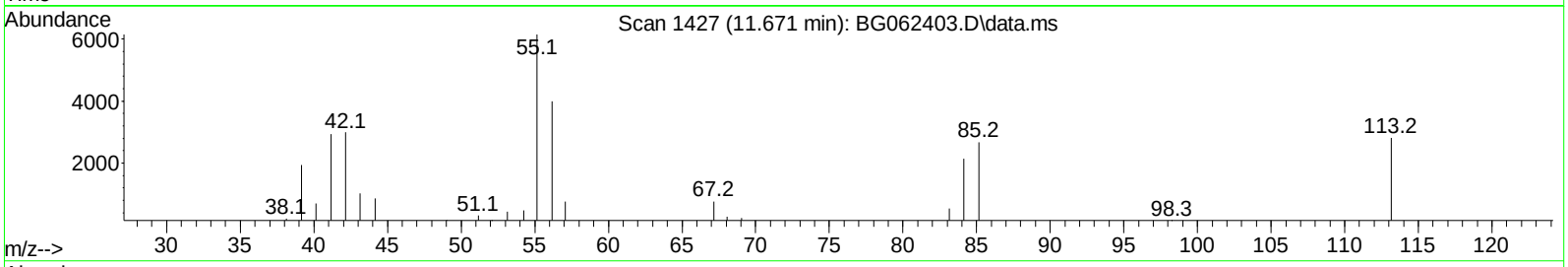

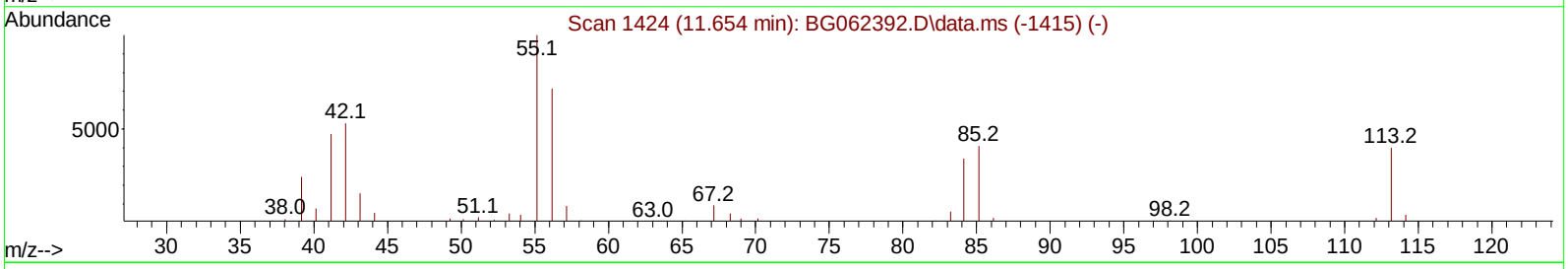

TIC: BG062403.D\data.ms

(34) Caprolactam

11.671min (+ 0.017) 4.12 ng/ul m

response 7422

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	218.14
56.00	178.20	141.43#
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	7.958	152	56466	20.000	ng/ul	0.00
20) Naphthalene-d8	10.749	136	267882	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.579	164	222685	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	516509	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	521570	20.000	ng/ul	0.00
88) Perylene-d12	24.647	264	573100	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	4977	3.346	ng/uL	0.00
4) Pyridine-d5	3.828	84	12849	2.835	ng/ul	0.00
7) Phenol-d5	7.112	99	34169	6.083	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.283	67	93792	26.507	ng/ul	0.00
11) 2-Chlorophenol-d4	7.488	132	95134	24.793	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	69109	14.677	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	58184	33.869	ng/ul	0.00
24) 2-Nitrophenol-d4	9.832	143	62420	36.526	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	131191	30.140	ng/ul	0.00
31) 4-Chloroaniline-d4	10.878	131	61615	8.926	ng/ul	0.00
46) Dimethylphthalate-d6	13.985	166	500549	28.897	ng/ul	0.00
49) Acenaphthylene-d8	14.273	160	520672	27.148	ng/ul	0.00
54) 4-Nitrophenol-d4	14.761	143	20858	7.548	ng/ul	0.00
60) Fluorene-d10	15.566	176	444887	28.477	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.683	200	85467	36.419	ng/ul	0.00
73) Anthracene-d10	17.416	188	742899	29.941	ng/ul	0.00
81) Pyrene-d10	19.701	212	933236	30.552	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.442	264	972142	31.963	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.453	88	5942	3.743	ng/uL#	91
5) Pyridine	3.846	79	20875	4.378	ng/ul#	83
6) Benzaldehyde	7.095	77	92089	31.624	ng/ul	98
8) Phenol	7.142	94	37569	6.374	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.377	93	119831	27.475	ng/ul	99
12) 2-Chlorophenol	7.523	128	99197	24.992	ng/ul	99
13) 2-Methylphenol	8.393	108	78284	17.649	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	237209	26.349	ng/ul	99
16) Acetophenone	8.775	105	203370	26.367	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.763	70	110279	27.094	ng/ul	98
18) 4-Methylphenol	8.722	108	75041	14.771	ng/ul	99
19) Hexachloroethane	9.039	117	38486	24.369	ng/ul	96
22) Nitrobenzene	9.151	77	152667	31.461	ng/ul	96
23) Isophorone	9.679	82	322726	28.161	ng/ul	99
25) 2-Nitrophenol	9.861	139	69826	36.573	ng/ul	96
26) 2,4-Dimethylphenol	9.920	107	114221	21.938	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.161	93	179895	28.221	ng/ul	100
29) 2,4-Dichlorophenol	10.396	162	130107	29.108	ng/ul	97
30) Naphthalene	10.801	128	406689	26.176	ng/ul	99
32) 4-Chloroaniline	10.901	127	108471	16.164	ng/ul	99
33) Hexachlorobutadiene	11.089	225	85846	25.266	ng/ul	99
34) Caprolactam	11.671	113	7422m	4.117	ng/ul	
35) 4-Chloro-3-methylphenol	12.017	107	142631	27.270	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.405	142	309852	28.240	ng/ul	96
37) 1-Methylnaphthalene	12.622	142	308425	27.551	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	194407	26.143	ng/ul	99
40) Hexachlorocyclopentadiene	12.758	237	84231	22.098	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	124541	29.114	ng/ul	94
42) 2,4,5-Trichlorophenol	13.075	196	137216	30.553	ng/ul	98
43) 1,1'-Biphenyl	13.416	154	449436	26.640	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	346653	26.554	ng/ul	98
45) 2-Nitroaniline	13.650	65	119296	35.281	ng/ul	98
47) Dimethylphthalate	14.032	163	496948	28.298	ng/ul	100
48) 2,6-Dinitrotoluene	14.150	165	93510	37.283	ng/ul	89
50) Acenaphthylene	14.297	152	555718	27.063	ng/ul	98
51) 3-Nitroaniline	14.473	138	84272	29.489	ng/ul	97
52) Acenaphthene	14.643	153	407302	26.504	ng/ul	99
53) 2,4-Dinitrophenol	14.673	184	54058	34.170	ng/ul	91
55) 4-Nitrophenol	14.773	109	17449	7.357	ng/ul	90
56) Dibenzofuran	14.972	168	589642	27.275	ng/ul	98
57) 2,4-Dinitrotoluene	14.931	165	142601	37.350	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.195	232	139137	32.222	ng/ul	96
59) Diethylphthalate	15.401	149	508275	29.002	ng/ul	98
61) Fluorene	15.624	166	470495	27.613	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.618	204	240847	27.507	ng/ul	98
63) 4-Nitroaniline	15.636	138	98603	33.011	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.695	198	92892	35.130	ng/ul#	98
67) N-Nitrosodiphenylamine	15.830	169	430568	28.756	ng/ul	99
68) 4-Bromophenyl-phenylether	16.511	248	172941	29.835	ng/ul	95
69) Hexachlorobenzene	16.623	284	200823	29.737	ng/ul	98
70) Atrazine	16.776	200	137790	22.070	ng/ul	98
71) Pentachlorophenol	16.964	266	128395	32.579	ng/ul	97
72) Phenanthrene	17.357	178	839529	28.926	ng/ul	98
74) Anthracene	17.451	178	858549	28.878	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.374	216	193694	26.233	ng/ul	99
76) Pentachlorobenzene	14.896	250	206667	26.683	ng/ul	98
77) Carbazole	17.716	167	745303	29.843	ng/ul	99
78) Di-n-butylphthalate	18.285	149	903600	30.245	ng/ul	99
80) Fluoranthene	19.366	202	1032904	30.269	ng/ul	99
82) Pyrene	19.730	202	1095716	29.791	ng/ul	99
83) Butylbenzylphthalate	20.623	149	405079	32.697	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.458	252	279754	24.575	ng/ul	98
85) Benzo(a)anthracene	21.540	228	1133133	29.932	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	594489	32.843	ng/ul	100
87) Chrysene	21.604	228	1068091	29.760	ng/ul	98
89) Di-n-octyl phthalate	22.644	149	1024967	33.535	ng/ul	100
90) Benzo(b)fluoranthene	23.678	252	1092001	31.542	ng/ul	98
91) Benzo(k)fluoranthene	23.743	252	1091431	31.233	ng/ul	99
93) Benzo(a)pyrene	24.512	252	975650	29.893	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.143	276	1235788	29.790	ng/ul	98
95) Dibenzo(a,h)anthracene	28.207	278	1015894	30.213	ng/ul	99
96) Benzo(g,h,i)perylene	29.235	276	946138	29.656	ng/ul	98

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

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