Quantitation Report (Qedit)

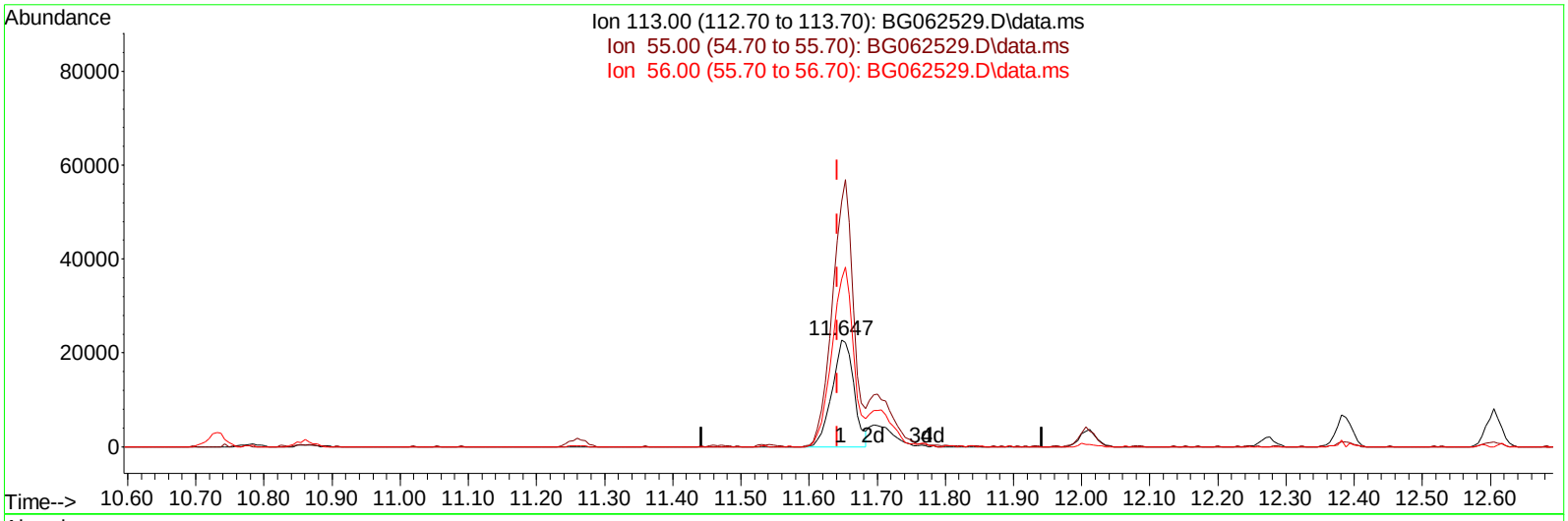
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082124\
Data File : BG062529.D
Acq On : 22 Aug 2024 5:33
Operator : MA/JU
Sample : P3626-10MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

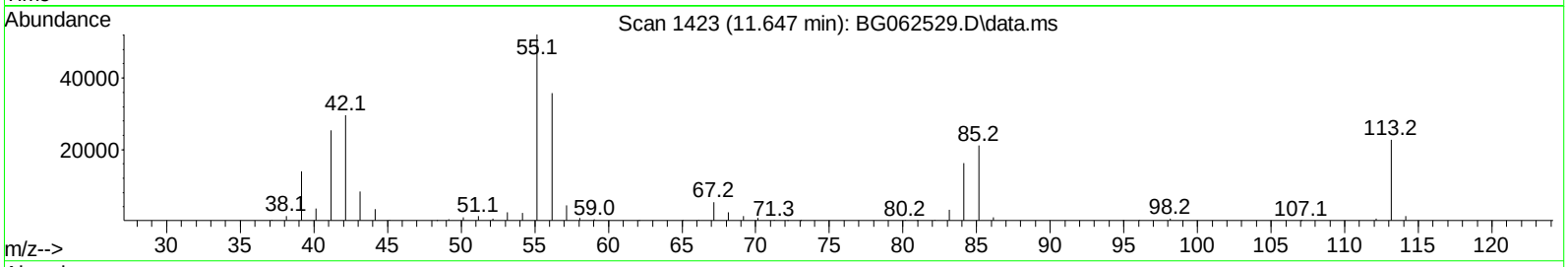
Quant Time: Aug 22 06:16:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

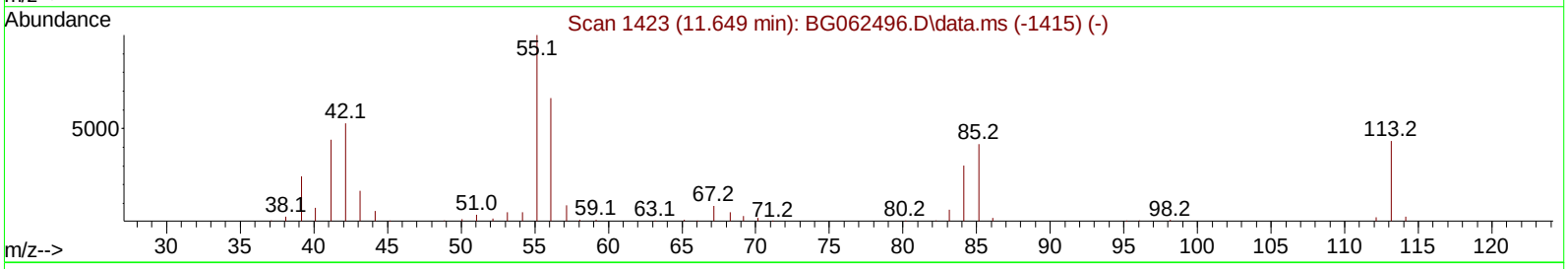
Instrument :
BNA_G
ClientSampleId :
DCYB8MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024







TIC: BG062529.D\data.ms

(34) Caprolactam

11.647min (+ 0.006) 20.53 ng/ul

response 50520

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	229.72
56.00	178.20	157.25
0.00	0.00	0.00

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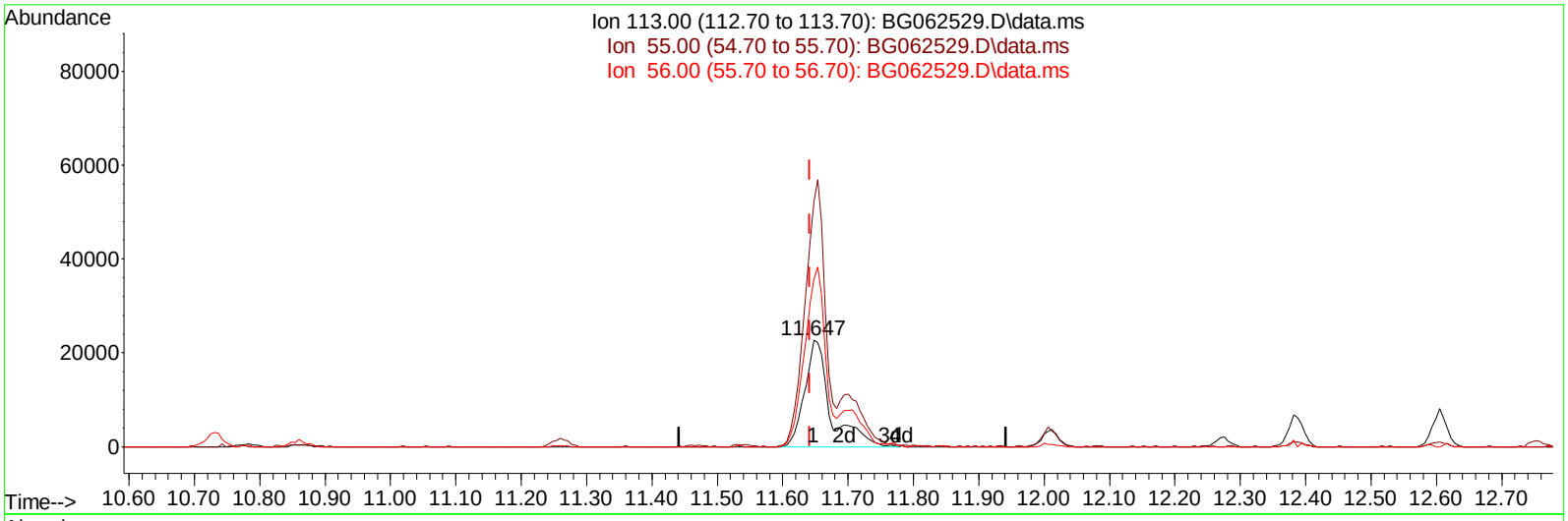

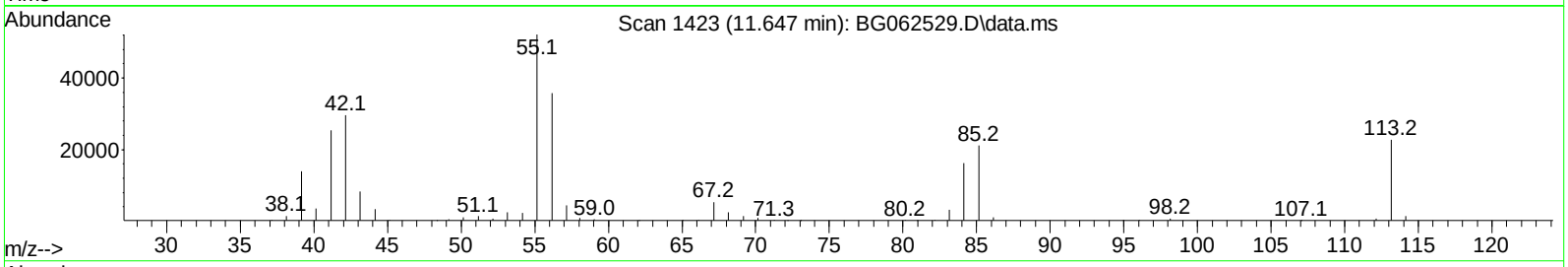

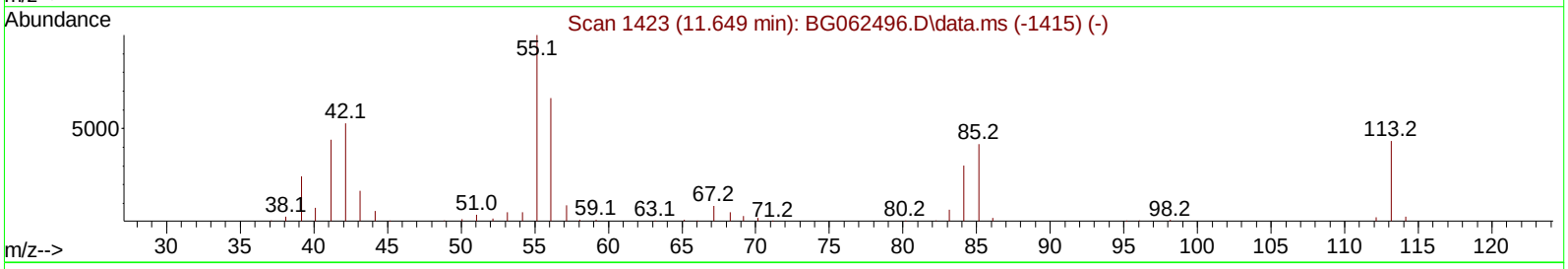

TIC: BG062529.D\data.ms

(34) Caprolactam

11.647min (+ 0.006) 25.29 ng/ul m

response 62241

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	229.72
56.00	178.20	157.25
0.00	0.00	0.00

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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	7.941	152	80143	20.000	ng/ul	0.00
20) Naphthalene-d8	10.731	136	365641	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.561	164	274940	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.299	188	565535	20.000	ng/ul	0.00
79) Chrysene-d12	21.540	240	524310	20.000	ng/ul	0.00
88) Perylene-d12	24.618	264	610519	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	6749	3.197	ng/uL	0.00
4) Pyridine-d5	3.805	84	100738	15.661	ng/ul	0.00
7) Phenol-d5	7.101	99	163468	20.503	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	98672	19.648	ng/ul	0.00
11) 2-Chlorophenol-d4	7.471	132	121695	22.345	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	128973	19.299	ng/ul	0.00
21) Nitrobenzene-d5	9.092	128	61734	26.327	ng/ul	0.00
24) 2-Nitrophenol-d4	9.815	143	68570	29.397	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.349	165	144501	24.322	ng/ul	0.00
31) 4-Chloroaniline-d4	10.860	131	173649	18.430	ng/ul	0.00
46) Dimethylphthalate-d6	13.968	166	440382	20.592	ng/ul	0.00
49) Acenaphthylene-d8	14.250	160	496757	20.978	ng/ul	0.00
54) 4-Nitrophenol-d4	14.755	143	70596	20.692	ng/ul	0.00
60) Fluorene-d10	15.548	176	398874	20.679	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	72862	28.356	ng/ul	0.00
73) Anthracene-d10	17.398	188	587944	21.641	ng/ul	0.00
81) Pyrene-d10	19.678	212	705314	22.970	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.407	264	727851	22.465	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.441	88	22706	10.077	ng/uL#	92
5) Pyridine	3.829	79	169064	24.980	ng/ul	93
6) Benzaldehyde	7.077	77	129263	31.275	ng/ul	99
8) Phenol	7.130	94	257322	30.758	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.359	93	173273	27.991	ng/ul	99
12) 2-Chlorophenol	7.506	128	182444	32.386	ng/ul	98
13) 2-Methylphenol	8.375	108	192243	30.537	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.458	45	376037	29.430	ng/ul	97
16) Acetophenone	8.757	105	300958	27.492	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.745	70	158910	27.508	ng/ul#	96
18) 4-Methylphenol	8.704	108	214494	29.747	ng/ul	96
19) Hexachloroethane	9.022	117	70412	31.413	ng/ul	95
22) Nitrobenzene	9.133	77	229459	34.644	ng/ul	96
23) Isophorone	9.656	82	434651	27.787	ng/ul	100
25) 2-Nitrophenol	9.844	139	108049	41.462	ng/ul	95
26) 2,4-Dimethylphenol	9.903	107	197772	27.829	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.138	93	258811	29.746	ng/ul	97
29) 2,4-Dichlorophenol	10.379	162	203769	33.399	ng/ul	98
30) Naphthalene	10.784	128	634097	29.901	ng/ul	99
32) 4-Chloroaniline	10.884	127	211586	23.099	ng/ul	98
33) Hexachlorobutadiene	11.072	225	138133	29.785	ng/ul	99
34) Caprolactam	11.647	113	62241m	25.294	ng/ul	
35) 4-Chloro-3-methylphenol	12.012	107	220819	30.932	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.388	142	440235	29.396	ng/ul	99
37) 1-Methylnaphthalene	12.605	142	443803	29.045	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.752	216	279925	30.489	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	89077	18.928	ng/ul	96
41) 2,4,6-Trichlorophenol	12.993	196	171629	32.497	ng/ul	98
42) 2,4,5-Trichlorophenol	13.063	196	186682	33.667	ng/ul	96
43) 1,1'-Biphenyl	13.392	154	619040	29.719	ng/ul	98
44) 2-Chloronaphthalene	13.433	162	487012	30.215	ng/ul	97
45) 2-Nitroaniline	13.633	65	157992	37.845	ng/ul	98
47) Dimethylphthalate	14.015	163	596807	27.525	ng/ul	99
48) 2,6-Dinitrotoluene	14.132	165	122349	39.510	ng/ul#	85
50) Acenaphthylene	14.279	152	746338	29.438	ng/ul	98
51) 3-Nitroaniline	14.455	138	117792	33.385	ng/ul	98
52) Acenaphthene	14.626	153	540936	28.510	ng/ul	99
53) 2,4-Dinitrophenol	14.661	184	72332	37.031	ng/ul	91
55) 4-Nitrophenol	14.767	109	85387	29.158	ng/ul	98
56) Dibenzofuran	14.961	168	765935	28.696	ng/ul	99
57) 2,4-Dinitrotoluene	14.914	165	176002	37.337	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.184	232	165982	31.134	ng/ul	99
59) Diethylphthalate	15.378	149	587570	27.154	ng/ul	99
61) Fluorene	15.607	166	580355	27.587	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.601	204	298176	27.582	ng/ul	97
63) 4-Nitroaniline	15.619	138	115836	31.409	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.677	198	110939	38.318	ng/ul#	98
67) N-Nitrosodiphenylamine	15.812	169	510741	31.154	ng/ul	98
68) 4-Bromophenyl-phenylether	16.494	248	203878	32.123	ng/ul	97
69) Hexachlorobenzene	16.605	284	228646	30.921	ng/ul	98
70) Atrazine	16.758	200	149913	21.930	ng/ul	97
71) Pentachlorophenol	16.946	266	141574	32.809	ng/ul	99
72) Phenanthrene	17.340	178	923262	29.053	ng/ul	99
74) Anthracene	17.434	178	929013	28.539	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	272904	33.757	ng/ul	98
76) Pentachlorobenzene	14.878	250	265679	31.328	ng/ul	97
77) Carbazole	17.698	167	776167	28.385	ng/ul	100
78) Di-n-butylphthalate	18.262	149	968795	29.616	ng/ul	99
80) Fluoranthene	19.349	202	1065789	31.069	ng/ul	99
82) Pyrene	19.707	202	1131674	30.608	ng/ul	98
83) Butylbenzylphthalate	20.600	149	411227	33.019	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.440	252	333919	29.180	ng/ul	98
85) Benzo(a)anthracene	21.522	228	1152130	30.275	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.440	149	605014	33.250	ng/ul	98
87) Chrysene	21.587	228	1087507	30.143	ng/ul	99
89) Di-n-octyl phthalate	22.603	149	1061247	32.593	ng/ul	100
90) Benzo(b)fluoranthene	23.643	252	1144250	31.025	ng/ul	98
91) Benzo(k)fluoranthene	23.708	252	1088417	29.237	ng/ul	99
93) Benzo(a)pyrene	24.477	252	996090	28.648	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.090	276	1342840	30.386	ng/ul	99
95) Dibenzo(a,h)anthracene	28.155	278	1075136	30.015	ng/ul	99
96) Benzo(g,h,i)perylene	29.177	276	1030791	30.329	ng/ul	96

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

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