Quantitation Report (Qedit)

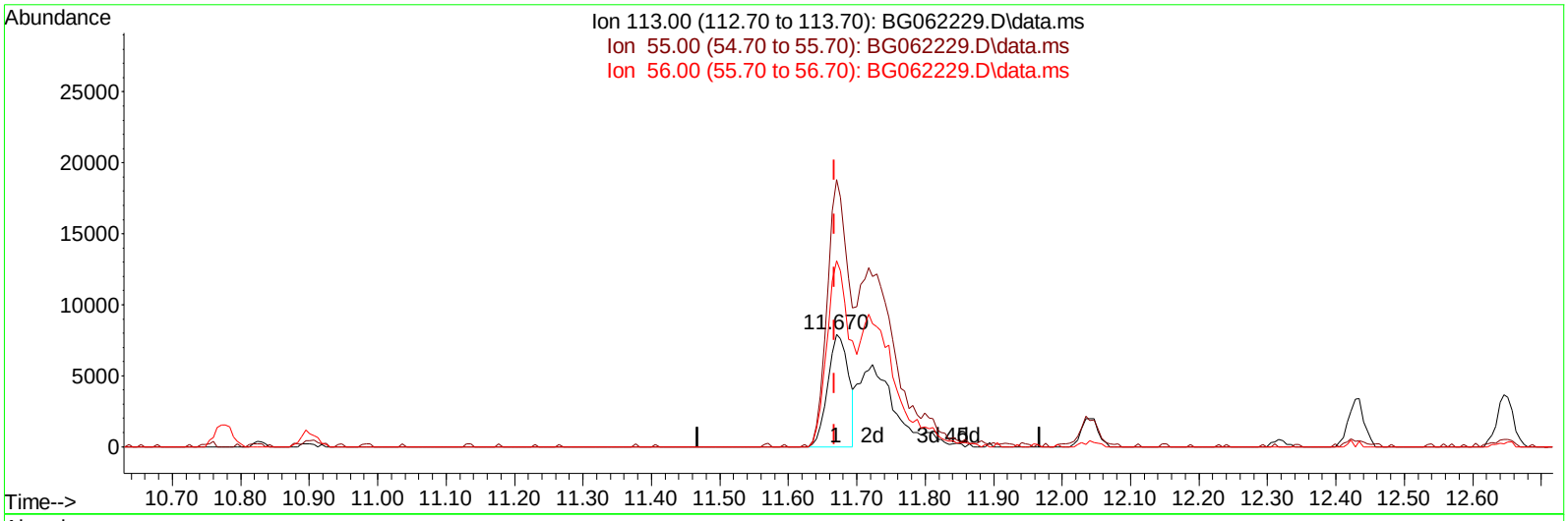
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073124\
Data File : BG062229.D
Acq On : 31 Jul 2024 22:29
Operator : MA/JU
Sample : PB162406BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

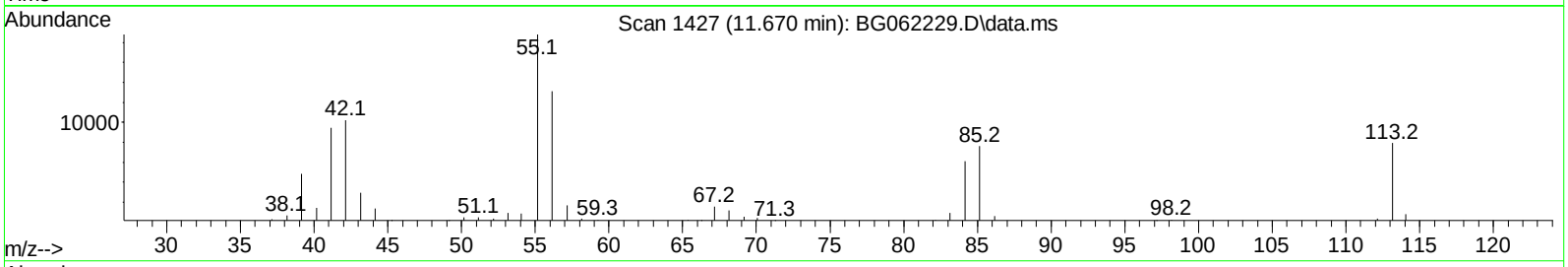
Quant Time: Aug 01 04:05:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG073124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 01 03:46:07 2024
Response via : Initial Calibration

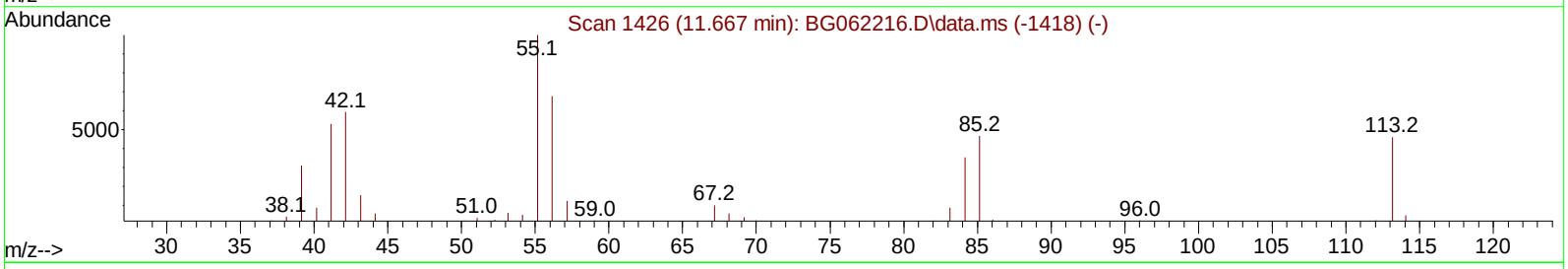
Instrument :
BNA_G
ClientSampleId :
SLCS406

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024







TIC: BG062229.D\data.ms

(34) Caprolactam

11.670min (+ 0.003) 13.14 ng/ul

response 16744

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	221.20	237.25
56.00	147.00	165.51
0.00	0.00	0.00

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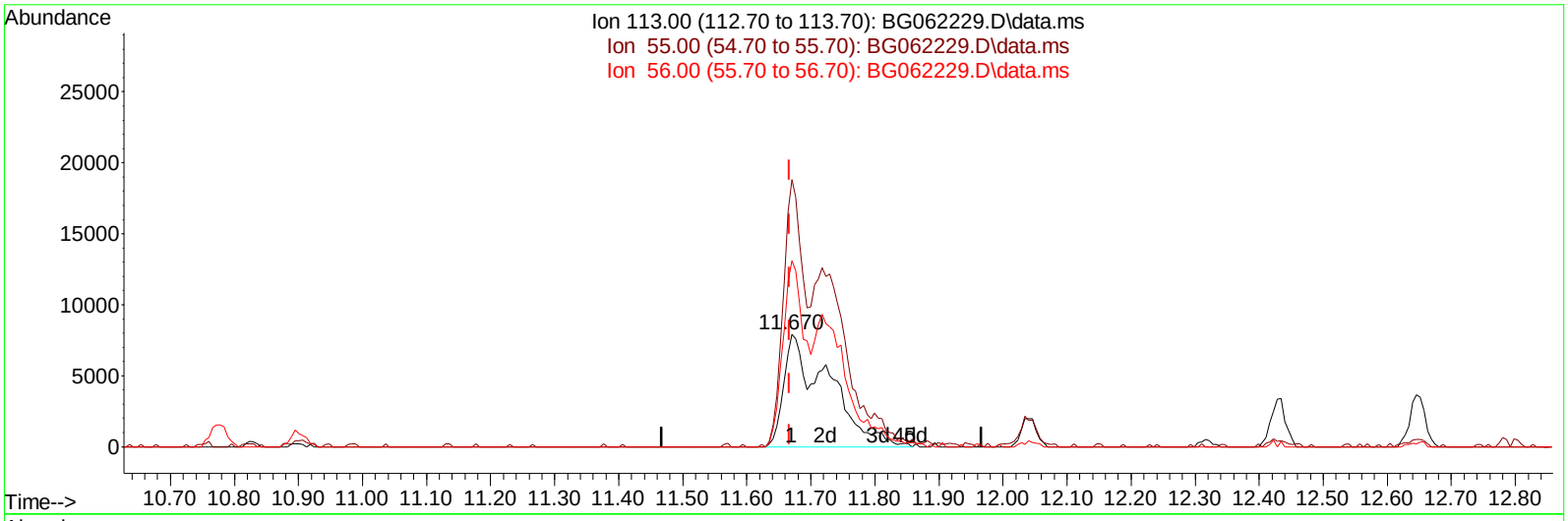

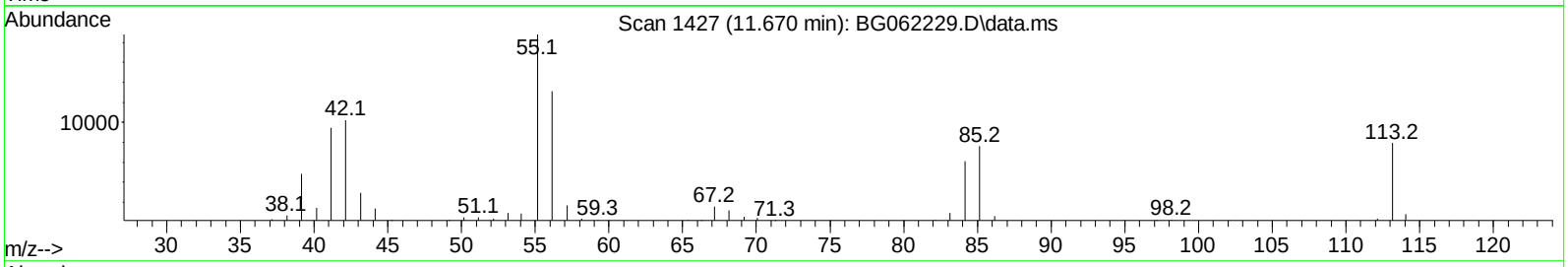

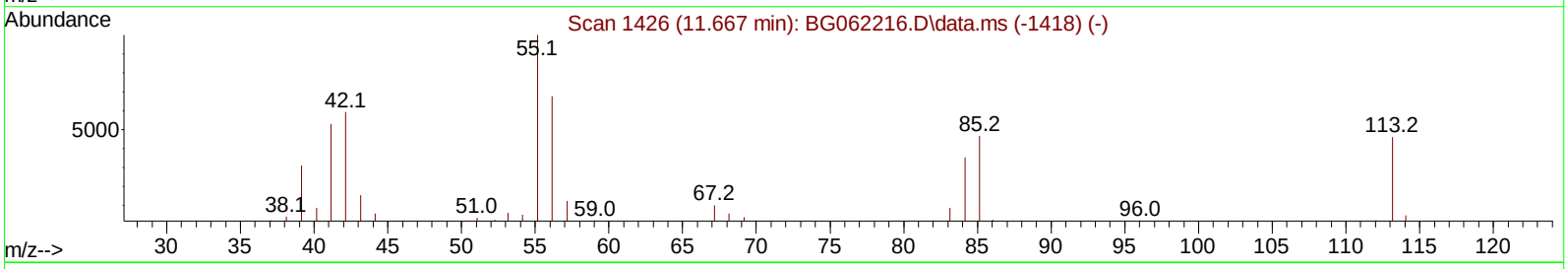

TIC: BG062229.D\data.ms

(34) Caprolactam

11.670min (+ 0.003) 30.14 ng/ul m

response 38418

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	221.20	237.25
56.00	147.00	165.51
0.00	0.00	0.00

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Misc :
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Quant Title : SVOA CALIBRATION
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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	7.981	152	44354	20.000	ng/ul	0.00
20) Naphthalene-d8	10.777	136	206074	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.596	164	158518	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	369152	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	369229	20.000	ng/ul	0.00
88) Perylene-d12	24.700	264	404452	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	6006	5.763	ng/uL	0.00
4) Pyridine-d5	3.840	84	75998	23.878	ng/ul	0.00
7) Phenol-d5	7.129	99	114445	26.962	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.306	67	66248	25.307	ng/ul	0.00
11) 2-Chlorophenol-d4	7.505	132	80729	28.276	ng/ul	0.00
15) 4-Methylphenol-d8	8.674	113	93476	26.459	ng/ul	0.00
21) Nitrobenzene-d5	9.133	128	34262	40.085	ng/ul	0.00
24) 2-Nitrophenol-d4	9.849	143	34669	43.296	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.390	165	93327	31.127	ng/ul	0.00
31) 4-Chloroaniline-d4	10.901	131	125129	24.666	ng/ul	0.00
46) Dimethylphthalate-d6	14.008	166	326119	27.299	ng/ul	0.00
49) Acenaphthylene-d8	14.290	160	354585	26.887	ng/ul	0.00
54) 4-Nitrophenol-d4	14.778	143	53254	37.143	ng/ul	0.00
60) Fluorene-d10	15.589	176	289899	27.311	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.700	200	35648	40.738	ng/ul	0.00
73) Anthracene-d10	17.439	188	470116	27.635	ng/ul	0.00
81) Pyrene-d10	19.718	212	593291	28.711	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.488	264	564720	28.560	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	11034	8.584	ng/uL#	90
5) Pyridine	3.863	79	81168	23.917	ng/ul	93
6) Benzaldehyde	7.118	77	59014	25.757	ng/ul	97
8) Phenol	7.159	94	120183	27.450	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.400	93	84153	25.474	ng/ul	95
12) 2-Chlorophenol	7.541	128	85418	28.801	ng/ul	97
13) 2-Methylphenol	8.410	108	90572	26.797	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.510	45	185776	26.428	ng/ul#	95
16) Acetophenone	8.798	105	149605	26.075	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.786	70	81897	25.910	ng/ul#	95
18) 4-Methylphenol	8.739	108	101729	27.325	ng/ul	99
19) Hexachloroethane	9.062	117	33958	28.763	ng/ul	93
22) Nitrobenzene	9.174	77	101430	39.614	ng/ul	96
23) Isophorone	9.702	82	235568	25.890	ng/ul	98
25) 2-Nitrophenol	9.885	139	42952	46.305	ng/ul	94
26) 2,4-Dimethylphenol	9.943	107	96341	23.834	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.184	93	131749	26.756	ng/ul	99
29) 2,4-Dichlorophenol	10.419	162	94729	31.658	ng/ul	98
30) Naphthalene	10.824	128	308476	26.936	ng/ul	99
32) 4-Chloroaniline	10.924	127	113220	23.229	ng/ul	95
33) Hexachlorobutadiene	11.118	225	66039	27.879	ng/ul	96
34) Caprolactam	11.670	113	38418m	30.138	ng/ul	
35) 4-Chloro-3-methylphenol	12.040	107	112183	28.835	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.428	142	211272	26.101	ng/ul	99
37) 1-Methylnaphthalene	12.645	142	219795	26.346	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.792	216	129259	27.553	ng/ul	98
40) Hexachlorocyclopentadiene	12.781	237	65416	26.852	ng/ul	95
41) 2,4,6-Trichlorophenol	13.027	196	70596	30.453	ng/ul	98
42) 2,4,5-Trichlorophenol	13.098	196	79346	30.268	ng/ul	95
43) 1,1'-Biphenyl	13.439	154	302276	26.434	ng/ul	98
44) 2-Chloronaphthalene	13.474	162	238200	26.561	ng/ul	100
45) 2-Nitroaniline	13.668	65	68821	43.404	ng/ul	92
47) Dimethylphthalate	14.055	163	331036	26.704	ng/ul	99
48) 2,6-Dinitrotoluene	14.167	165	50307	43.079	ng/ul	93
50) Acenaphthylene	14.320	152	394538	26.517	ng/ul	99
51) 3-Nitroaniline	14.490	138	53439	36.710	ng/ul#	85
52) Acenaphthene	14.660	153	278803	26.514	ng/ul	100
53) 2,4-Dinitrophenol	14.690	184	21780	35.599	ng/ul	95
55) 4-Nitrophenol	14.790	109	48690	35.115	ng/ul	92
56) Dibenzofuran	14.995	168	398001	27.315	ng/ul	98
57) 2,4-Dinitrotoluene	14.948	165	75475	47.309	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.218	232	69091	27.691	ng/ul	97
59) Diethylphthalate	15.430	149	340799	26.816	ng/ul	99
61) Fluorene	15.647	166	312501	26.637	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.641	204	158012	26.611	ng/ul	98
63) 4-Nitroaniline	15.653	138	62879	38.854	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.712	198	40654	41.483	ng/ul#	98
67) N-Nitrosodiphenylamine	15.853	169	291179	28.346	ng/ul	97
68) 4-Bromophenyl-phenylether	16.534	248	108745	27.505	ng/ul	97
69) Hexachlorobenzene	16.646	284	120931	28.294	ng/ul	99
70) Atrazine	16.799	200	15683	3.967	ng/ul	99
71) Pentachlorophenol	16.981	266	56776	20.900	ng/ul	97
72) Phenanthrene	17.380	178	559145	28.074	ng/ul	98
74) Anthracene	17.474	178	564503	27.381	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.397	216	130288	28.614	ng/ul	98
76) Pentachlorobenzene	14.919	250	136752	28.401	ng/ul	97
77) Carbazole	17.733	167	497452	29.401	ng/ul	99
78) Di-n-butylphthalate	18.320	149	608459	28.998	ng/ul	99
80) Fluoranthene	19.389	202	676162	27.939	ng/ul	98
82) Pyrene	19.748	202	720686	28.567	ng/ul	98
83) Butylbenzylphthalate	20.652	149	264217	31.211	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	239354	29.815	ng/ul	97
85) Benzo(a)anthracene	21.569	228	732240	27.909	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.516	149	395176	29.862	ng/ul	98
87) Chrysene	21.633	228	696233	28.394	ng/ul	99
89) Di-n-octyl phthalate	22.708	149	673840	29.675	ng/ul	100
90) Benzo(b)fluoranthene	23.719	252	701872	27.894	ng/ul	99
91) Benzo(k)fluoranthene	23.783	252	720570	28.807	ng/ul	99
93) Benzo(a)pyrene	24.559	252	638529	26.833	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.224	276	805274	28.781	ng/ul	99
95) Dibenzo(a,h)anthracene	28.295	278	658108	28.053	ng/ul	99
96) Benzo(g,h,i)perylene	29.323	276	627203	27.926	ng/ul	98

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

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