Quantitation Report (Qedit)

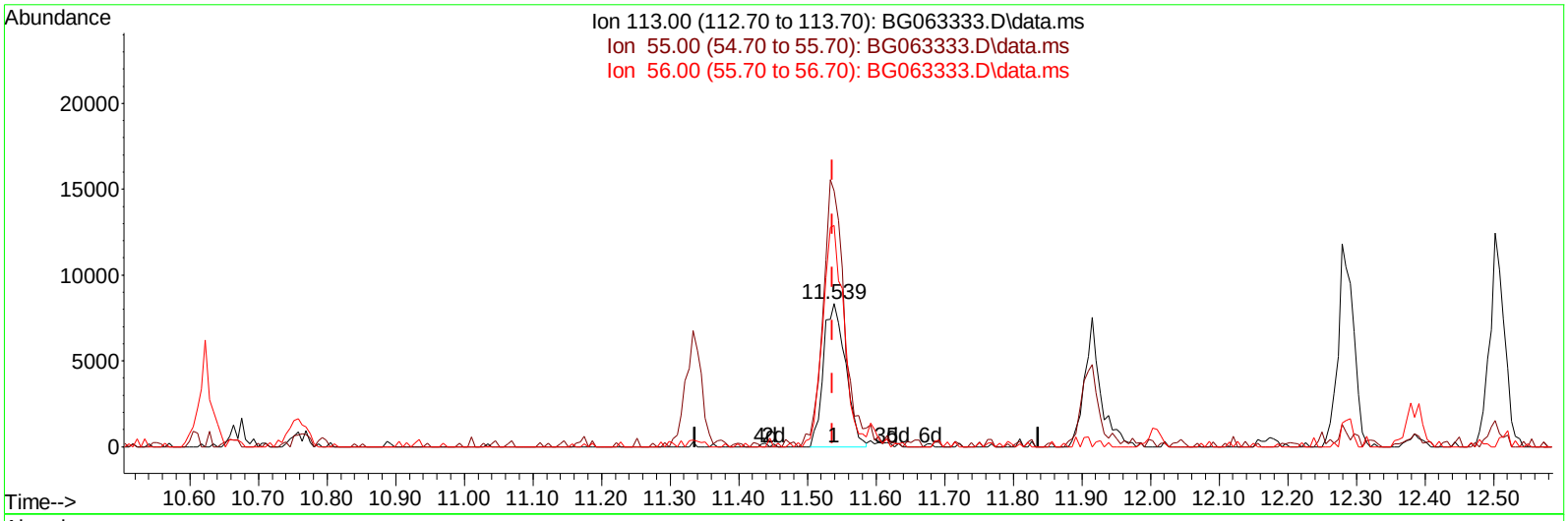
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063333.D
Acq On : 12 Nov 2024 19:57
Operator : RC/JU
Sample : P4802-15MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

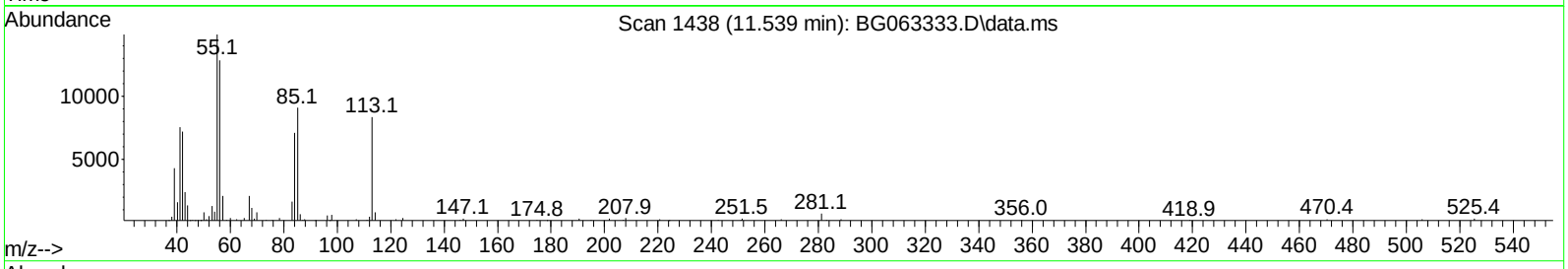
Quant Time: Nov 12 22:29:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

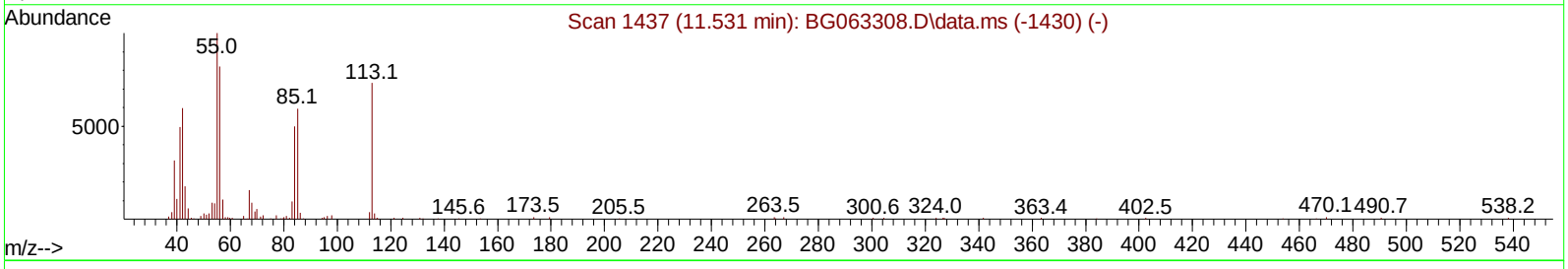
Instrument :
BNA_G
ClientSampleId :
GCPD5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024







TIC: BG063333.D\data.ms

(34) Caprolactam

11.539min (+ 0.002) 5.67 ng/ul

response 18643

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	178.77#
56.00	105.40	154.48#
0.00	0.00	0.00

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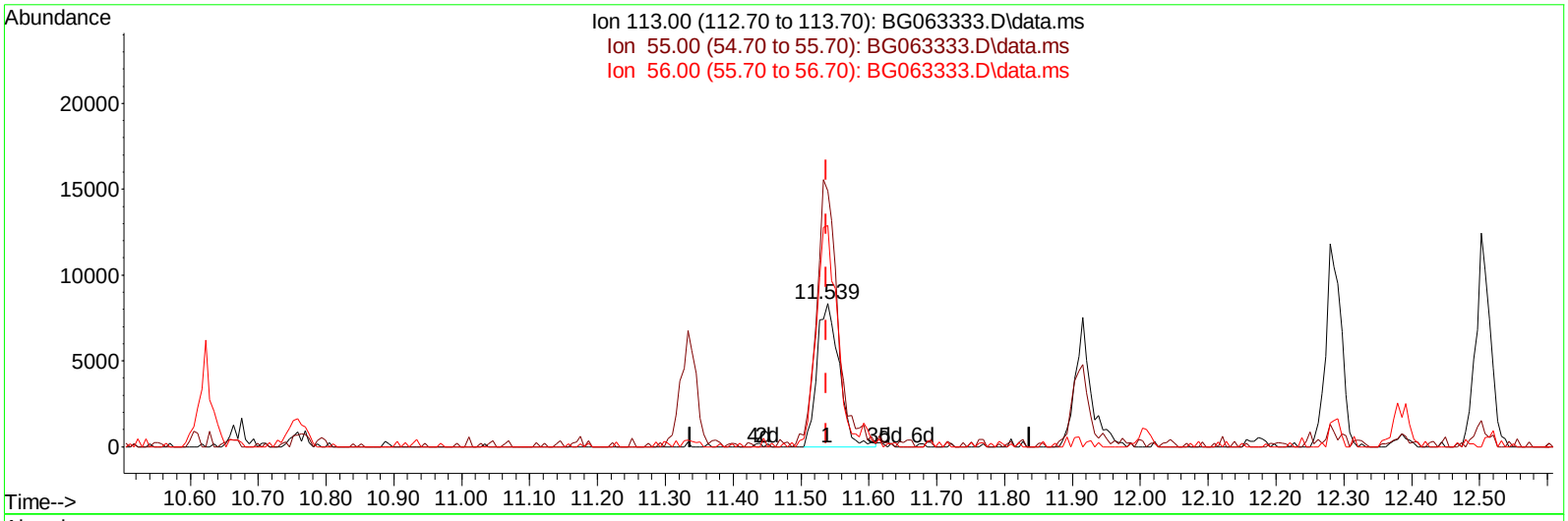

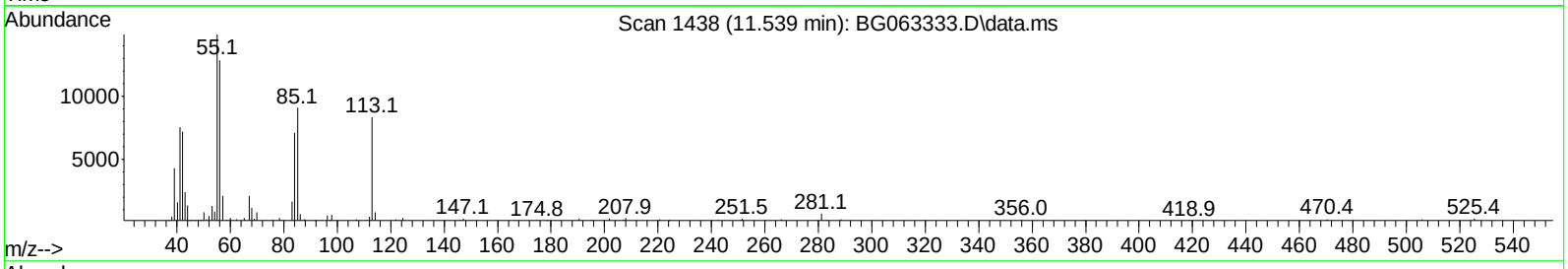

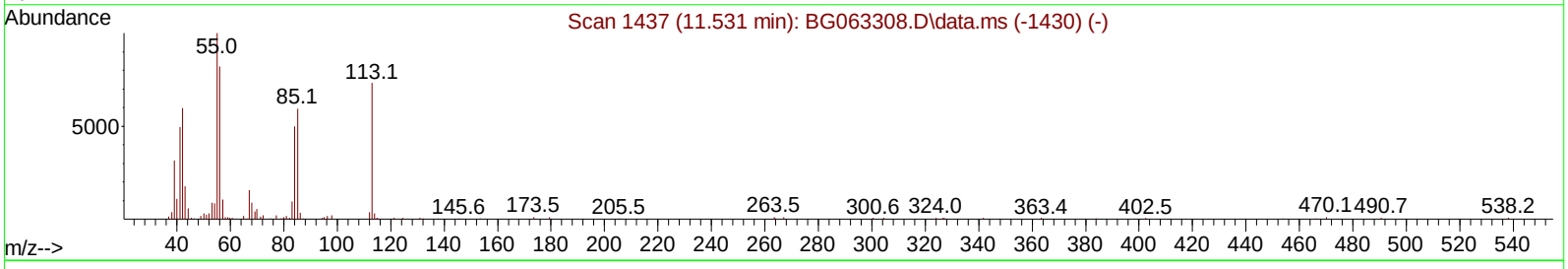

TIC: BG063333.D\data.ms

(34) Caprolactam

11.539min (+ 0.002) 5.78 ng/ul m

response 18981

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	178.77#
56.00	105.40	154.48#
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	7.832	152	101844	20.000	ng/ul	0.00
20) Naphthalene-d8	10.623	136	470272	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.471	164	426069	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	994715	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.475	240	1009336	20.000	ng/ul	# 0.00
88) Perylene-d12	24.506	264	1073334	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	11204	4.974	ng/uL	0.00
4) Pyridine-d5	3.707	84	54011	7.255	ng/ul	0.00
7) Phenol-d5	7.009	99	100160	10.899	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.162	67	170443	31.620	ng/ul	0.00
11) 2-Chlorophenol-d4	7.368	132	186789	31.315	ng/ul	0.00
15) 4-Methylphenol-d8	8.543	113	189664	24.349	ng/ul	0.00
21) Nitrobenzene-d5	8.983	128	115491	34.932	ng/ul	0.00
24) 2-Nitrophenol-d4	9.706	143	145740	34.107	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	297699	35.501	ng/ul	0.00
31) 4-Chloroaniline-d4	10.758	131	270679	24.782	ng/ul	0.00
46) Dimethylphthalate-d6	13.878	166	1024694	30.703	ng/ul	0.00
49) Acenaphthylene-d8	14.165	160	1108453	33.933	ng/ul	0.00
54) 4-Nitrophenol-d4	14.700	143	48127	10.532	ng/ul	0.02
60) Fluorene-d10	15.470	176	937182	33.273	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	226601	36.247	ng/ul	0.00
73) Anthracene-d10	17.321	188	1588379	37.154	ng/ul	0.00
81) Pyrene-d10	19.624	212	1960151	38.734	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.307	264	1972604	38.065	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	14715	5.307	ng/uL#	74
5) Pyridine	3.725	79	55815	7.348	ng/ul	95
6) Benzaldehyde	6.974	77	184516	36.329	ng/ul	88
8) Phenol	7.033	94	107449	10.729	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.256	93	211520	31.056	ng/ul	97
12) 2-Chlorophenol	7.397	128	194474	30.479	ng/ul	99
13) 2-Methylphenol	8.278	108	194955	26.650	ng/ul	84
14) 2,2'-oxybis(1-Chloropr...	8.349	45	293417	34.084	ng/ul	98
16) Acetophenone	8.648	105	393505	31.376	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.637	70	228116	31.182	ng/ul	99
18) 4-Methylphenol	8.607	108	199029	23.927	ng/ul	96
19) Hexachloroethane	8.907	117	73505	28.429	ng/ul	87
22) Nitrobenzene	9.030	77	346063	33.947	ng/ul	94
23) Isophorone	9.553	82	631581	29.355	ng/ul	97
25) 2-Nitrophenol	9.741	139	145599	34.469	ng/ul	93
26) 2,4-Dimethylphenol	9.806	107	272104	29.533	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.035	93	338694	32.654	ng/ul#	94
29) 2,4-Dichlorophenol	10.276	162	277672	35.124	ng/ul	95
30) Naphthalene	10.675	128	766460	31.853	ng/ul	100
32) 4-Chloroaniline	10.781	127	247254	23.652	ng/ul	93
33) Hexachlorobutadiene	10.957	225	214570	28.359	ng/ul	96
34) Caprolactam	11.539	113	18981m	5.777	ng/ul	
35) 4-Chloro-3-methylphenol	11.915	107	309262	32.602	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.285	142	599708	31.445	ng/ul	96
37) 1-Methylnaphthalene	12.503	142	605698	30.541	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.655	216	487900	32.484	ng/ul	99
40) Hexachlorocyclopentadiene	12.638	237	141954	17.309	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.902	196	284217	35.057	ng/ul	95
42) 2,4,5-Trichlorophenol	12.979	196	325461	37.020	ng/ul	95
43) 1,1'-Biphenyl	13.302	154	892632	33.052	ng/ul	95
44) 2-Chloronaphthalene	13.343	162	695450	33.077	ng/ul	98
45) 2-Nitroaniline	13.549	65	227703	31.748	ng/ul	92
47) Dimethylphthalate	13.925	163	971521	30.360	ng/ul	99
48) 2,6-Dinitrotoluene	14.048	165	203745	33.272	ng/ul	99
50) Acenaphthylene	14.195	152	1092489	33.574	ng/ul	98
51) 3-Nitroaniline	14.377	138	168070	31.444	ng/ul	89
52) Acenaphthene	14.536	153	800228	34.360	ng/ul	100
53) 2,4-Dinitrophenol	14.588	184	128665	31.869	ng/ul	94
55) 4-Nitrophenol	14.712	109	59124	9.955	ng/ul	88
56) Dibenzofuran	14.871	168	1186536	33.282	ng/ul	98
57) 2,4-Dinitrotoluene	14.841	165	311855	32.200	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.106	232	302867	33.264	ng/ul#	98
59) Diethylphthalate	15.294	149	977797	29.803	ng/ul	99
61) Fluorene	15.523	166	984212	32.618	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.517	204	619681	31.956	ng/ul	99
63) 4-Nitroaniline	15.546	138	172005	31.795	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.611	198	236204	36.407	ng/ul	96
67) N-Nitrosodiphenylamine	15.734	169	849122	38.265	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	429284	37.751	ng/ul	95
69) Hexachlorobenzene	16.533	284	449738	37.124	ng/ul	98
70) Atrazine	16.686	200	354292	29.185	ng/ul	98
71) Pentachlorophenol	16.880	266	210973	34.738	ng/ul	94
72) Phenanthrene	17.268	178	1681429	36.997	ng/ul	99
74) Anthracene	17.356	178	1700699	36.529	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.267	216	492591	38.295	ng/ul	97
76) Pentachlorobenzene	14.794	250	521247	38.000	ng/ul	94
77) Carbazole	17.626	167	1418058	36.686	ng/ul	94
78) Di-n-butylphthalate	18.190	149	1627372	37.012	ng/ul	99
80) Fluoranthene	19.283	202	2144475	39.205	ng/ul#	98
82) Pyrene	19.647	202	2216510	38.229	ng/ul#	96
83) Butylbenzylphthalate	20.546	149	723457	42.695	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.381	252	502060	23.133	ng/ul	95
85) Benzo(a)anthracene	21.457	228	2400339	37.597	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.375	149	1058181	42.874	ng/ul	99
87) Chrysene	21.522	228	2228097	37.432	ng/ul	98
89) Di-n-octyl phthalate	22.514	149	1784319	42.185	ng/ul	100
90) Benzo(b)fluoranthene	23.554	252	2426016	37.567	ng/ul	97
91) Benzo(k)fluoranthene	23.613	252	2369413	36.836	ng/ul#	98
93) Benzo(a)pyrene	24.371	252	2198683	36.807	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.938	276	2750881	37.543	ng/ul	96
95) Dibenzo(a,h)anthracene	27.985	278	2253832	37.729	ng/ul#	97
96) Benzo(g,h,i)perylene	29.001	276	2076062	37.370	ng/ul	98

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

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