Quantitation Report (Qedit)

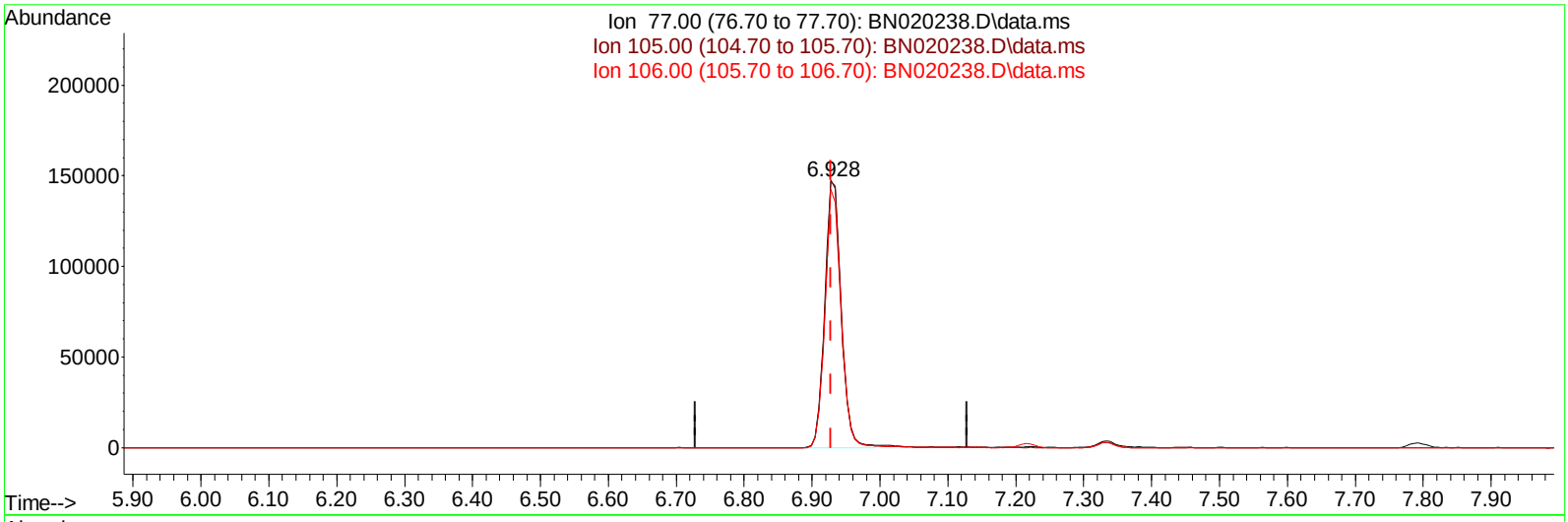
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061722\
Data File : BN020238.D
Acq On : 17 Jun 2022 14:20
Operator : CG/JU
Sample : N3313-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

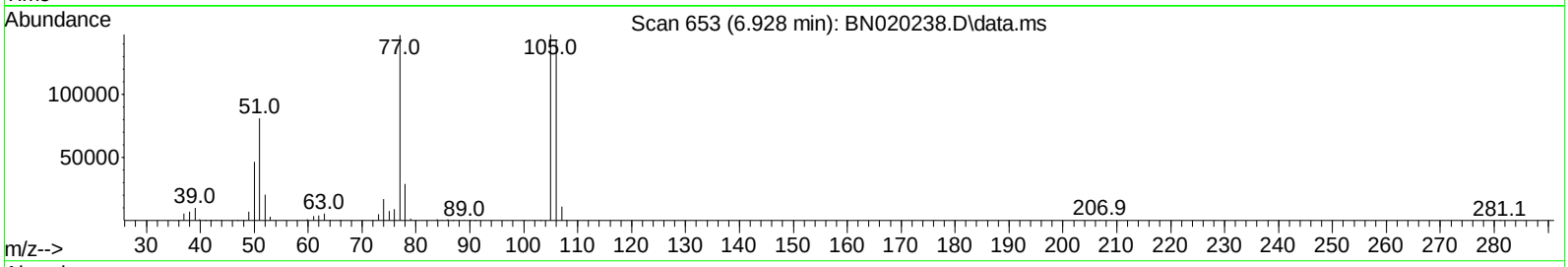
Quant Time: Jun 17 22:56:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 22:53:31 2022
Response via : Initial Calibration

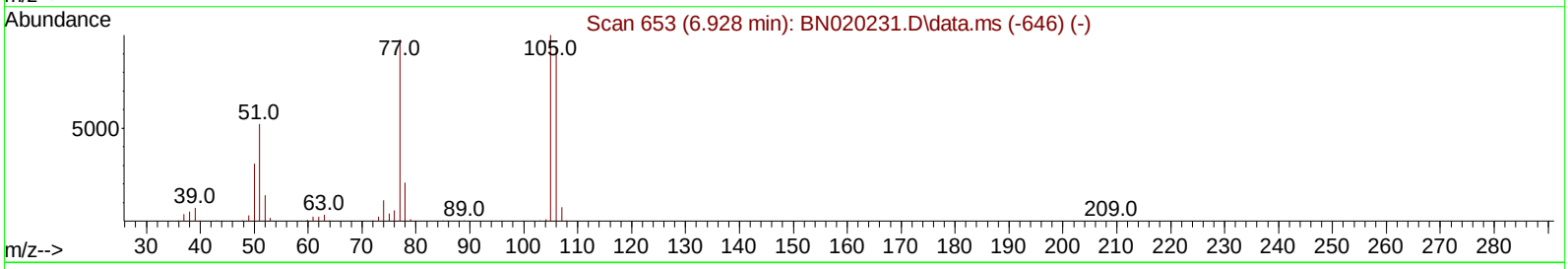
Instrument :
BNA_N
ClientSampleId :
YB7L2MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/18/2022
Supervised By :mohammad ahmed 06/22/2022







TIC: BN020238.D\data.ms

(6) Benzaldehyde

6.928min (-0.000) 49.77 ng/ul

response 246121

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.40	100.30
106.00	87.80	96.91
0.00	0.00	0.00

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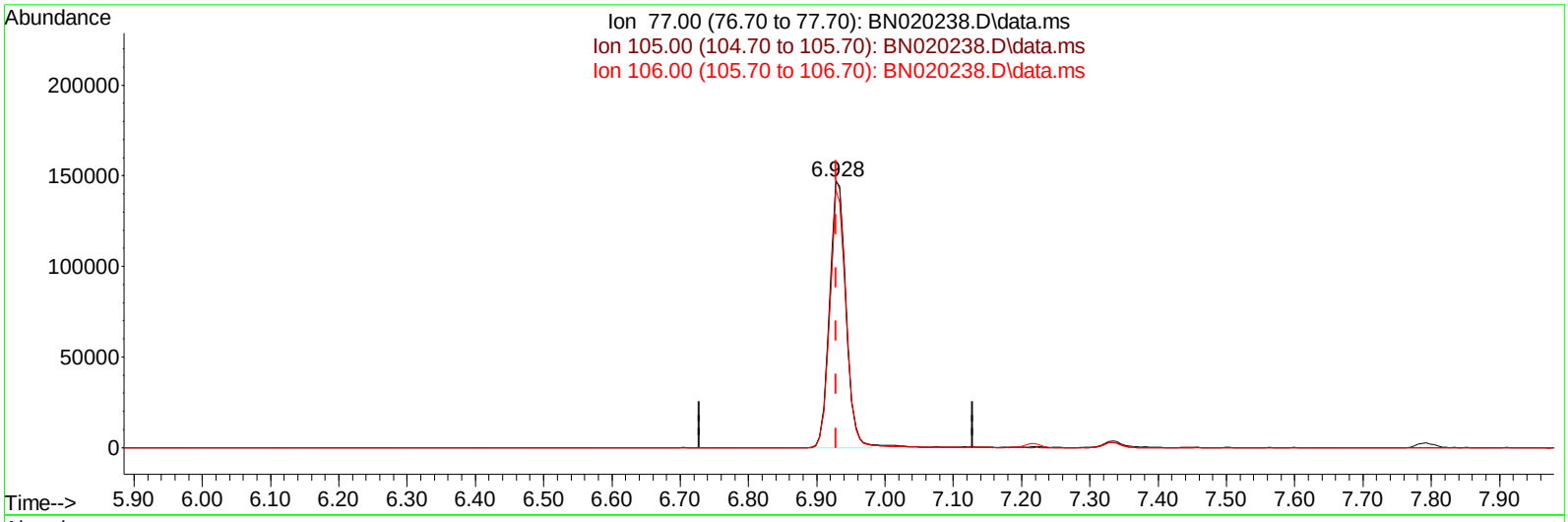

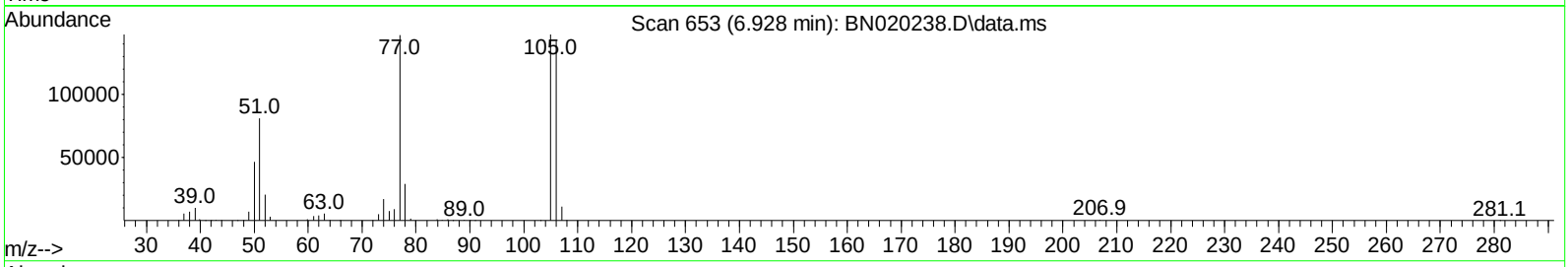

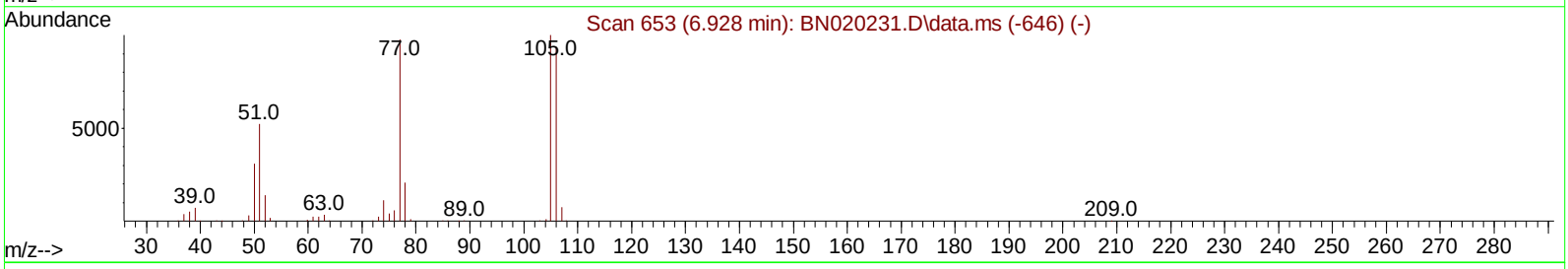

TIC: BN020238.D\data.ms

(6) Benzaldehyde

6.928min (-0.000) 49.57 ng/ul m

response 245125

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.40	100.30
106.00	87.80	96.91
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	7.793	152	126836	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	636504	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	412063	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	854017	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	720075	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	629117	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	12963	4.427	ng/uL	0.00
4) Pyridine-d5	3.663	84	86190	10.768	ng/ul	0.00
7) Phenol-d5	6.987	99	90997	8.670	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	240176	36.627	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	251597	29.504	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	182161	20.061	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	170969	35.307	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	183551	35.717	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	309359	34.482	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	442902	30.485	ng/ul	0.00
46) Dimethylphthalate-d6	13.833	166	1117021	37.256	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	1281346	36.852	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	45518	7.576	ng/ul	0.01
60) Fluorene-d10	15.416	176	930994	37.524	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	195907	39.601	ng/ul	0.00
73) Anthracene-d10	17.263	188	1427672	38.305	ng/ul	0.00
81) Pyrene-d10	19.557	212	1597610	40.926	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	1227109	39.865	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	21152	6.842	ng/uL#	91
5) Pyridine	3.681	79	96996	11.560	ng/ul	91
6) Benzaldehyde	6.928	77	245125m	49.568	ng/ul	
8) Phenol	7.010	94	103375	9.250	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.216	93	318517	36.414	ng/ul	97
12) 2-Chlorophenol	7.363	128	260091	29.179	ng/ul	98
13) 2-Methylphenol	8.251	108	202995	23.627	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	506173	36.903	ng/ul	97
16) Acetophenone	8.610	105	527810	38.223	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.598	70	270386	38.330	ng/ul	95
18) 4-Methylphenol	8.581	108	199483	21.037	ng/ul	100
19) Hexachloroethane	8.869	117	121902	33.988	ng/ul	89
22) Nitrobenzene	8.987	77	391454	34.865	ng/ul	95
23) Isophorone	9.510	82	785506	35.433	ng/ul	99
25) 2-Nitrophenol	9.698	139	197909	34.851	ng/ul	95
26) 2,4-Dimethylphenol	9.775	107	299627	25.468	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.998	93	479063	35.313	ng/ul	98
29) 2,4-Dichlorophenol	10.245	162	316765	34.133	ng/ul	97
30) Naphthalene	10.628	128	1131253	34.293	ng/ul	100
32) 4-Chloroaniline	10.739	127	442045	30.419	ng/ul	97
33) Hexachlorobutadiene	10.928	225	176003	33.033	ng/ul	99
34) Caprolactam	11.504	113	17266	4.764	ng/ul	99
35) 4-Chloro-3-methylphenol	11.886	107	359021	32.764	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	810138	36.326	ng/ul	97
37) 1-Methylnaphthalene	12.463	142	829621	36.453	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.616	216	369316	35.141	ng/ul	98
40) Hexachlorocyclopentadiene	12.604	237	152543	23.861	ng/ul	97
41) 2,4,6-Trichlorophenol	12.863	196	273450	37.735	ng/ul	96
42) 2,4,5-Trichlorophenol	12.945	196	302265	37.662	ng/ul	94
43) 1,1'-Biphenyl	13.257	154	1106493	36.264	ng/ul	100
44) 2-Chloronaphthalene	13.298	162	836681	36.146	ng/ul	96
45) 2-Nitroaniline	13.504	65	289648	40.222	ng/ul	94
47) Dimethylphthalate	13.886	163	1111284	36.818	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	240525	40.758	ng/ul	97
50) Acenaphthylene	14.145	152	1417903	36.832	ng/ul	99
51) 3-Nitroaniline	14.327	138	233521	37.431	ng/ul	100
52) Acenaphthene	14.486	153	915453	36.406	ng/ul	99
53) 2,4-Dinitrophenol	14.533	184	128988	34.139	ng/ul	94
55) 4-Nitrophenol	14.680	109	38043	7.418	ng/ul	94
56) Dibenzofuran	14.822	168	1306327	36.875	ng/ul	98
57) 2,4-Dinitrotoluene	14.786	165	353722	40.482	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.057	232	235077	37.313	ng/ul	91
59) Diethylphthalate	15.245	149	1177939	37.906	ng/ul	96
61) Fluorene	15.469	166	1013932	36.781	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	464484	36.588	ng/ul	91
63) 4-Nitroaniline	15.492	138	243883	41.834	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.551	198	195186	38.916	ng/ul	94
67) N-Nitrosodiphenylamine	15.680	169	886900	36.225	ng/ul	98
68) 4-Bromophenyl-phenylether	16.357	248	289747	38.959	ng/ul#	89
69) Hexachlorobenzene	16.480	284	327058	38.257	ng/ul	95
70) Atrazine	16.633	200	328848	38.495	ng/ul	99
71) Pentachlorophenol	16.821	266	184391	34.630	ng/ul	99
72) Phenanthrene	17.204	178	1690219	37.503	ng/ul	99
74) Anthracene	17.298	178	1701457	37.544	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.222	216	407386	35.623	ng/uL	97
76) Pentachlorobenzene	14.745	250	392116	38.795	ng/uL	93
77) Carbazole	17.569	167	1624045	39.392	ng/ul	96
78) Di-n-butylphthalate	18.139	149	2068961	40.470	ng/ul	100
80) Fluoranthene	19.227	202	1948452	41.327	ng/ul	98
82) Pyrene	19.592	202	1975510	40.842	ng/ul	96
83) Butylbenzylphthalate	20.492	149	974708	44.776	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.274	252	472312	34.342	ng/ul#	96
85) Benzo(a)anthracene	21.345	228	1775723	39.052	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.280	149	1367599	44.527	ng/ul	99
87) Chrysene	21.392	228	1748357	39.302	ng/ul	98
89) Di-n-octyl phthalate	22.174	149	2487225	48.575	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	1623949	41.129	ng/ul#	96
91) Benzo(k)fluoranthene	23.015	252	1620516	43.114	ng/ul	96
93) Benzo(a)pyrene	23.574	252	1524577	39.889	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.050	276	1493884	37.990	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.068	278	1295116	38.560	ng/ul	98
96) Benzo(g,h,i)perylene	26.774	276	1295341	39.008	ng/ul#	92

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

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