Quantitation Report (Qedit)

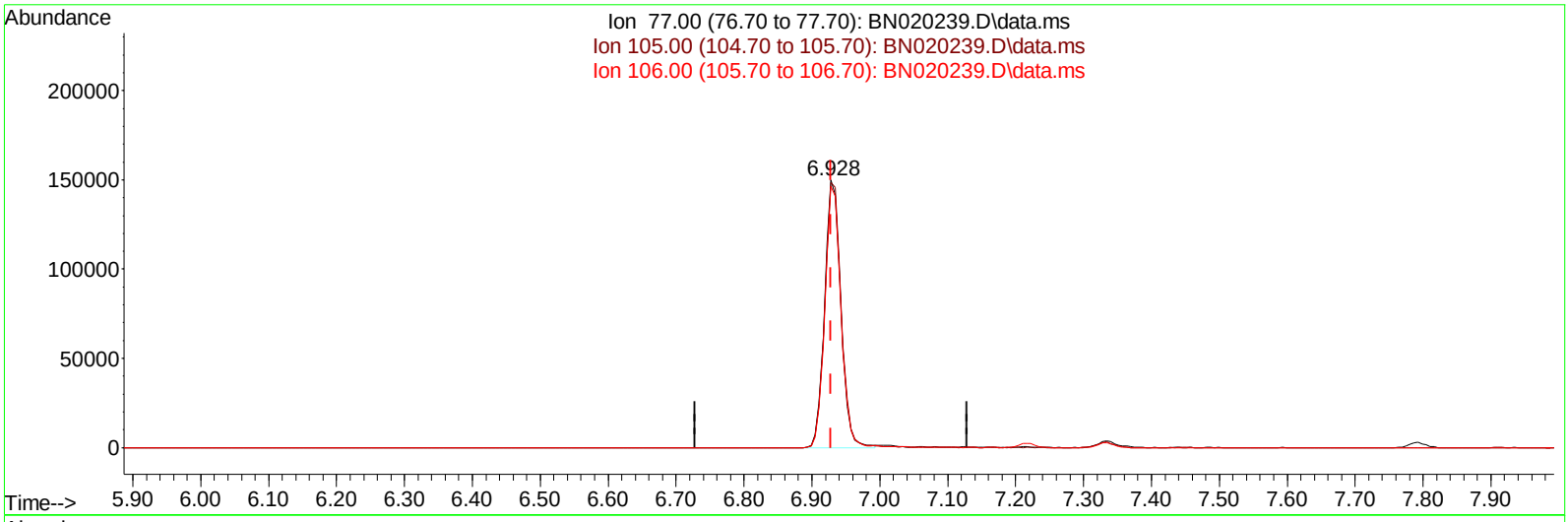
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061722\
Data File : BN020239.D
Acq On : 17 Jun 2022 14:56
Operator : CG/JU
Sample : N3313-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

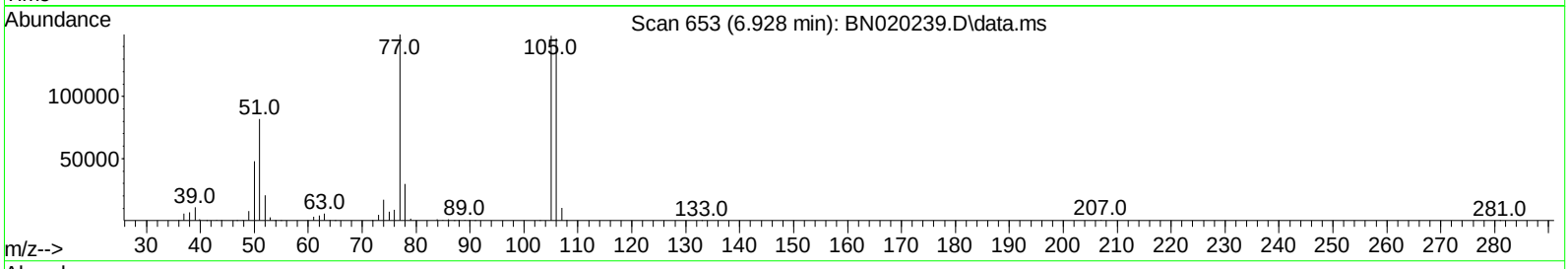
Quant Time: Jun 17 22:56:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 22:53:31 2022
Response via : Initial Calibration

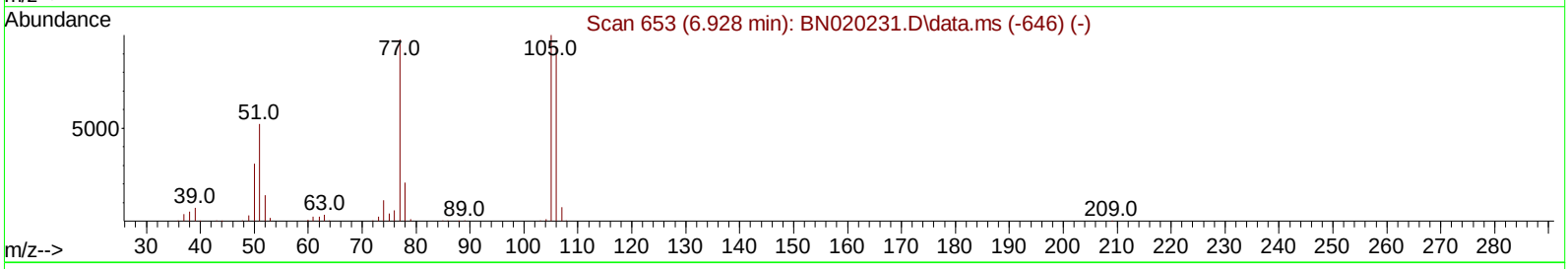
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD

Manual IntegrationsAPPROVED

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







TIC: BN020239.D\data.ms

(6) Benzaldehyde

6.928min (-0.000) 48.19 ng/ul

response 248781

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.40	99.19
106.00	87.80	97.82
0.00	0.00	0.00

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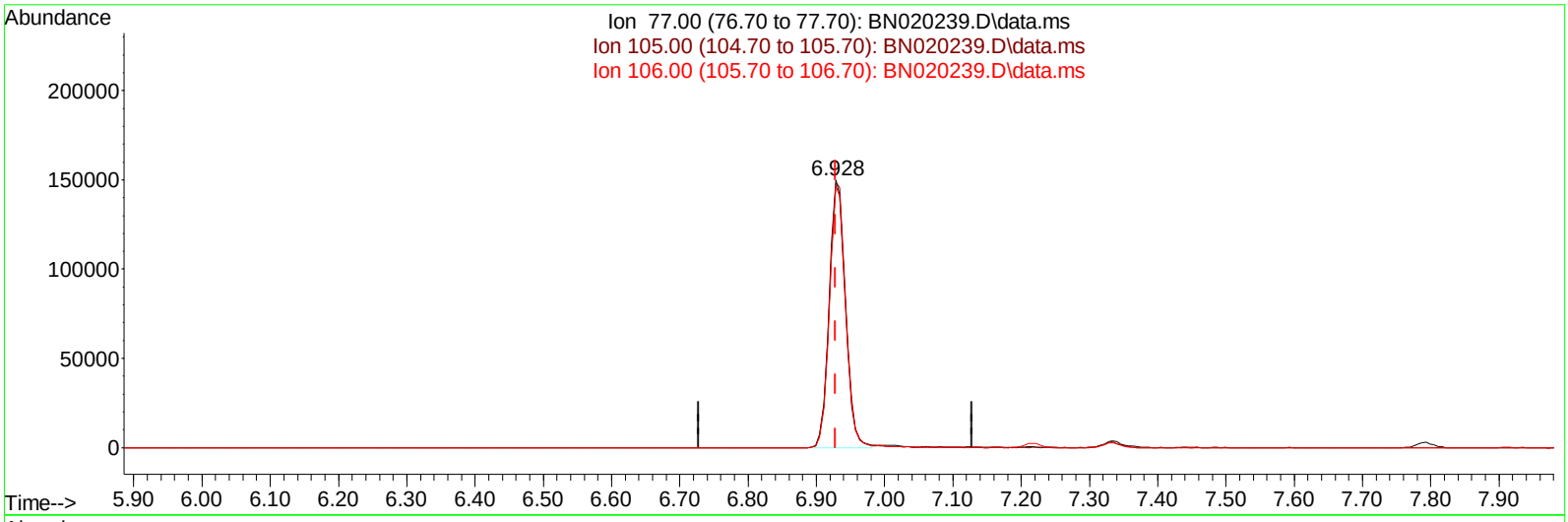

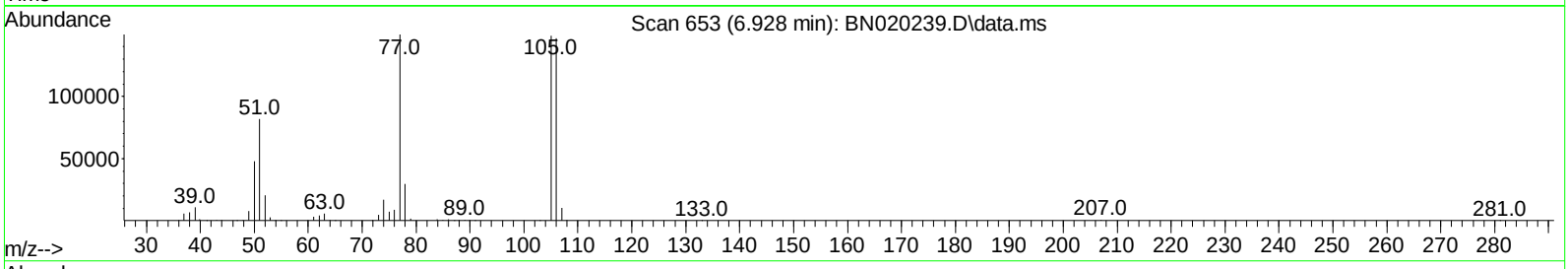

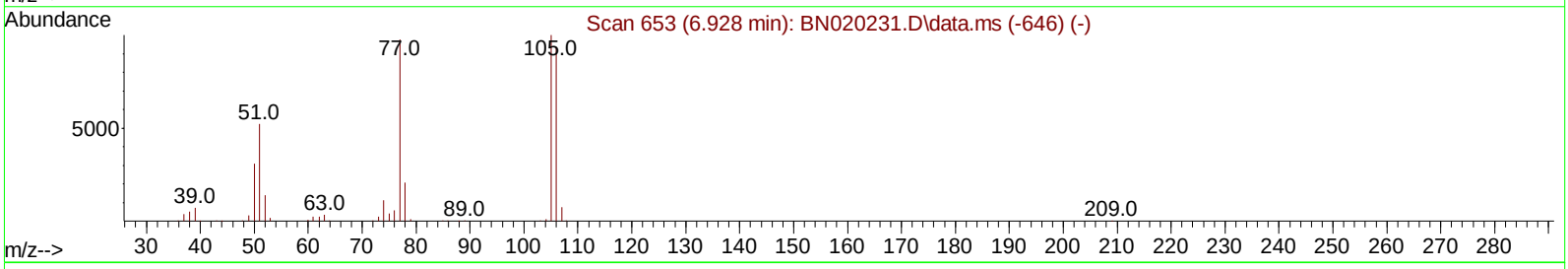

TIC: BN020239.D\data.ms

(6) Benzaldehyde

6.928min (-0.000) 48.01 ng/ul m

response 247862

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.40	99.19
106.00	87.80	97.82
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	132417	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	656550	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	428817	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	865079	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	758196	20.000	ng/ul	0.00
88) Perylene-d12	23.668	264	677893	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	15417	5.043	ng/uL	0.00
4) Pyridine-d5	3.664	84	90178	10.792	ng/ul	0.00
7) Phenol-d5	6.987	99	92052	8.401	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	239743	35.020	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	253444	28.468	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	185498	19.568	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	173736	34.783	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	185907	35.070	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	317801	34.342	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	460131	30.704	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	1153627	36.973	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	1315159	36.346	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	48122	7.697	ng/ul	0.01
60) Fluorene-d10	15.416	176	960803	37.213	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	202839	40.478	ng/ul	0.00
73) Anthracene-d10	17.263	188	1458952	38.643	ng/ul	0.00
81) Pyrene-d10	19.563	212	1630836	39.677	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.527	264	1325109	39.952	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	21456	6.648	ng/uL#	90
5) Pyridine	3.681	79	99124	11.315	ng/ul	90
6) Benzaldehyde	6.928	77	247862m	48.009	ng/ul	
8) Phenol	7.011	94	105685	9.058	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.216	93	320735	35.122	ng/ul	99
12) 2-Chlorophenol	7.363	128	265904	28.574	ng/ul	98
13) 2-Methylphenol	8.252	108	206794	23.055	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	507574	35.445	ng/ul	97
16) Acetophenone	8.610	105	539484	37.421	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.599	70	276771	37.582	ng/ul	96
18) 4-Methylphenol	8.581	108	201408	20.345	ng/ul	98
19) Hexachloroethane	8.869	117	126896	33.889	ng/ul	86
22) Nitrobenzene	8.987	77	403646	34.853	ng/ul	97
23) Isophorone	9.510	82	801064	35.032	ng/ul	98
25) 2-Nitrophenol	9.699	139	202099	34.502	ng/ul	97
26) 2,4-Dimethylphenol	9.775	107	305741	25.195	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.999	93	485759	34.713	ng/ul	97
29) 2,4-Dichlorophenol	10.246	162	322050	33.643	ng/ul	98
30) Naphthalene	10.634	128	1155350	33.954	ng/ul	99
32) 4-Chloroaniline	10.740	127	452412	30.182	ng/ul	100
33) Hexachlorobutadiene	10.928	225	178281	32.439	ng/ul	97
34) Caprolactam	11.499	113	17982	4.810	ng/ul	99
35) 4-Chloro-3-methylphenol	11.887	107	367586	32.521	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.246	142	816723	35.503	ng/ul	98
37) 1-Methylnaphthalene	12.463	142	846454	36.057	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.616	216	376167	34.395	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	159043	23.906	ng/ul	95
41) 2,4,6-Trichlorophenol	12.863	196	280205	37.157	ng/ul	93
42) 2,4,5-Trichlorophenol	12.945	196	304811	36.496	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	1120199	35.279	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	847871	35.198	ng/ul	96
45) 2-Nitroaniline	13.504	65	299287	39.937	ng/ul	93
47) Dimethylphthalate	13.881	163	1134351	36.114	ng/ul	98
48) 2,6-Dinitrotoluene	13.998	165	248344	40.439	ng/ul	97
50) Acenaphthylene	14.145	152	1436675	35.862	ng/ul	99
51) 3-Nitroaniline	14.328	138	244346	37.635	ng/ul	98
52) Acenaphthene	14.487	153	926568	35.409	ng/ul	99
53) 2,4-Dinitrophenol	14.534	184	137295	34.918	ng/ul	94
55) 4-Nitrophenol	14.681	109	42093	7.887	ng/ul	93
56) Dibenzofuran	14.822	168	1342149	36.406	ng/ul	97
57) 2,4-Dinitrotoluene	14.787	165	356596	39.216	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.057	232	242406	36.974	ng/ul	92
59) Diethylphthalate	15.245	149	1209943	37.415	ng/ul	97
61) Fluorene	15.469	166	1051073	36.639	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	477007	36.107	ng/ul	91
63) 4-Nitroaniline	15.492	138	252841	41.676	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.551	198	202032	39.766	ng/ul	94
67) N-Nitrosodiphenylamine	15.681	169	915688	36.922	ng/ul	97
68) 4-Bromophenyl-phenylether	16.357	248	294943	39.151	ng/ul#	85
69) Hexachlorobenzene	16.481	284	324980	37.527	ng/ul#	92
70) Atrazine	16.634	200	341395	39.453	ng/ul	96
71) Pentachlorophenol	16.822	266	196051	36.349	ng/ul	97
72) Phenanthrene	17.204	178	1734920	38.002	ng/ul	99
74) Anthracene	17.298	178	1735074	37.797	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.222	216	413641	35.707	ng/uL	98
76) Pentachlorobenzene	14.745	250	382658	37.375	ng/uL	96
77) Carbazole	17.569	167	1692121	40.518	ng/ul	98
78) Di-n-butylphthalate	18.139	149	2136880	41.264	ng/ul	100
80) Fluoranthene	19.222	202	2006828	40.425	ng/ul	96
82) Pyrene	19.586	202	1973314	38.745	ng/ul#	92
83) Butylbenzylphthalate	20.492	149	1005497	43.868	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.274	252	495373	34.208	ng/ul#	94
85) Benzo(a)anthracene	21.345	228	1824832	38.115	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.280	149	1415734	43.777	ng/ul	99
87) Chrysene	21.392	228	1774582	37.886	ng/ul	100
89) Di-n-octyl phthalate	22.180	149	2554838	46.305	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	1686846	39.648	ng/ul#	96
91) Benzo(k)fluoranthene	23.016	252	1695031	41.852	ng/ul	96
93) Benzo(a)pyrene	23.574	252	1596690	38.770	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.045	276	1540953	36.367	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.062	278	1334296	36.868	ng/ul	96
96) Benzo(g,h,i)perylene	26.774	276	1327037	37.087	ng/ul#	90

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

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