Quantitation Report (Qedit)

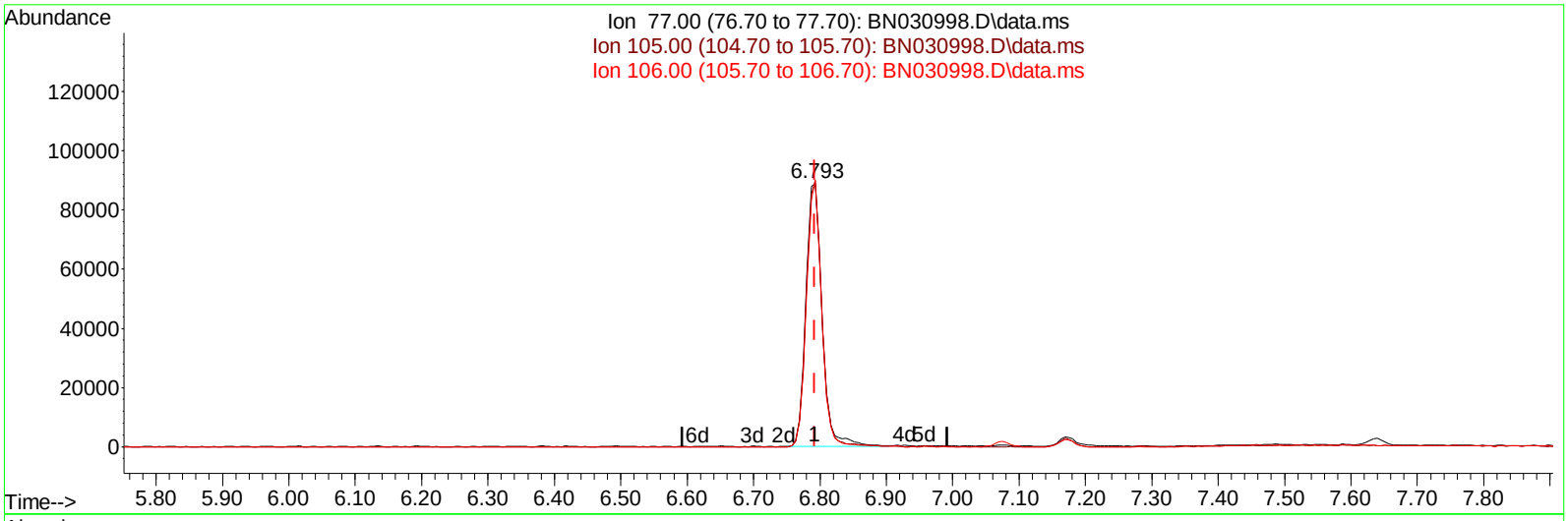
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
Data File : BN030998.D
Acq On : 18 Apr 2024 05:59
Operator : MA/JU
Sample : PB160279BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

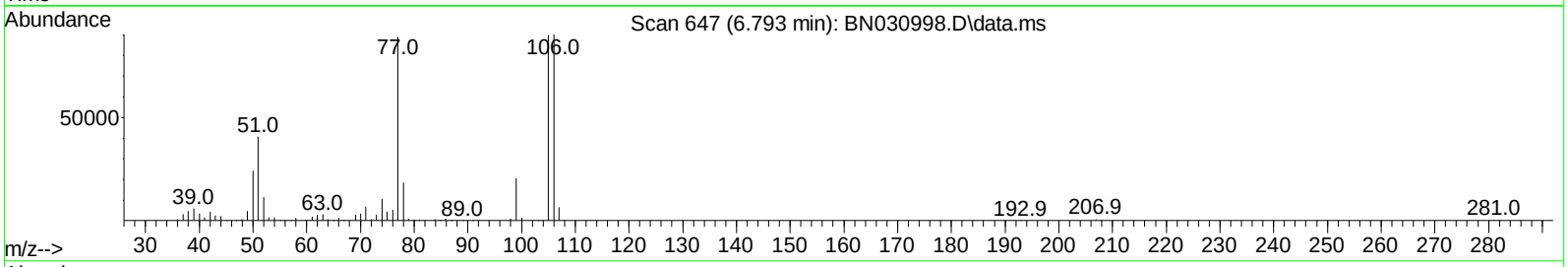
Quant Time: Apr 18 06:27:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 22:24:16 2024
Response via : Initial Calibration

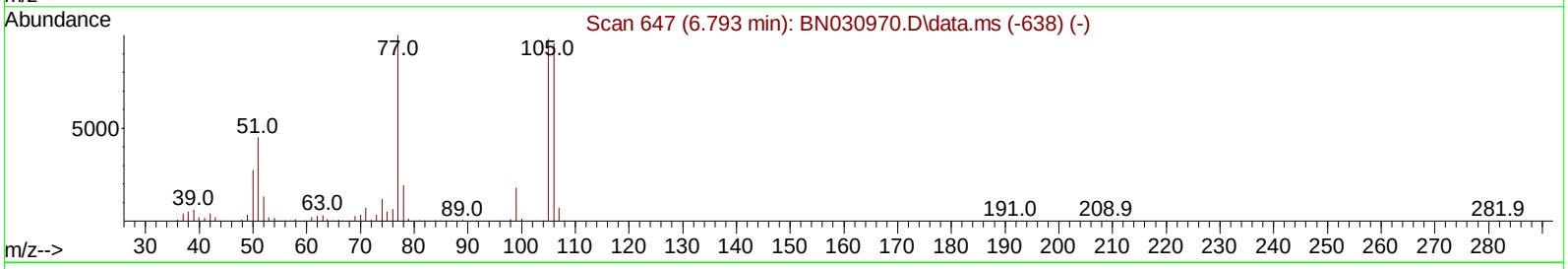
Instrument :
BNA_N
ClientSampleId :
SLCS279

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/30/2024







TIC: BN030998.D\data.ms

(6) Benzaldehyde

6.793min (-0.000) 38.60 ng/ul

response 150311

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	100.79
106.00	94.50	101.25
0.00	0.00	0.00

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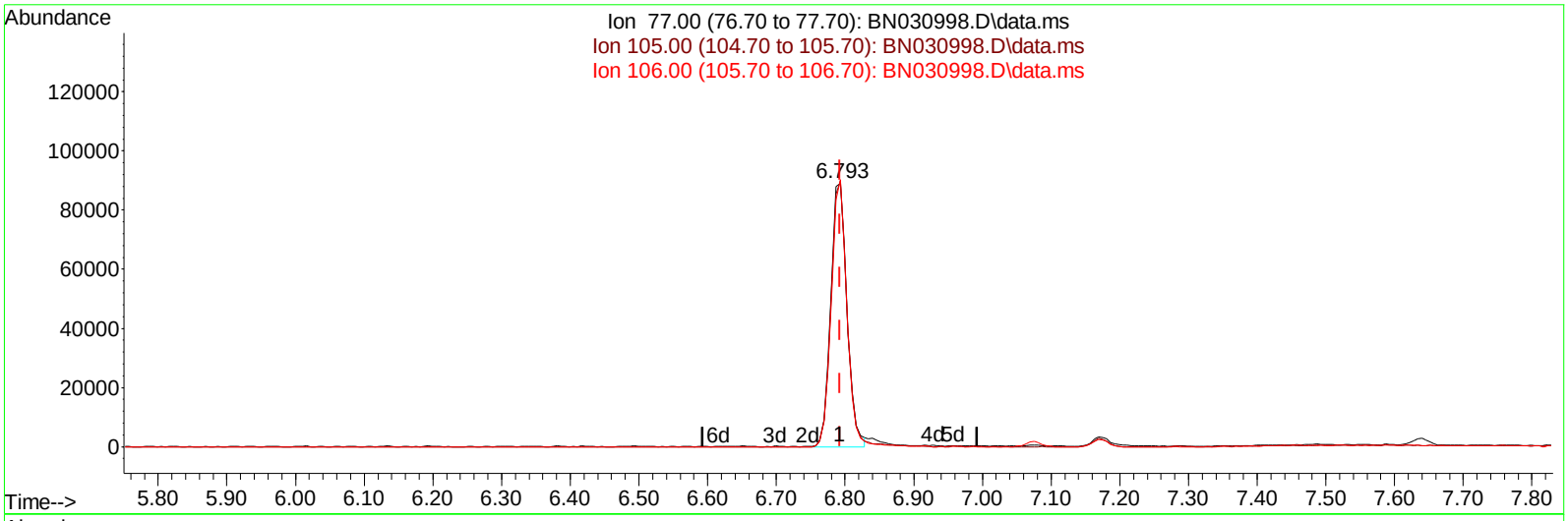

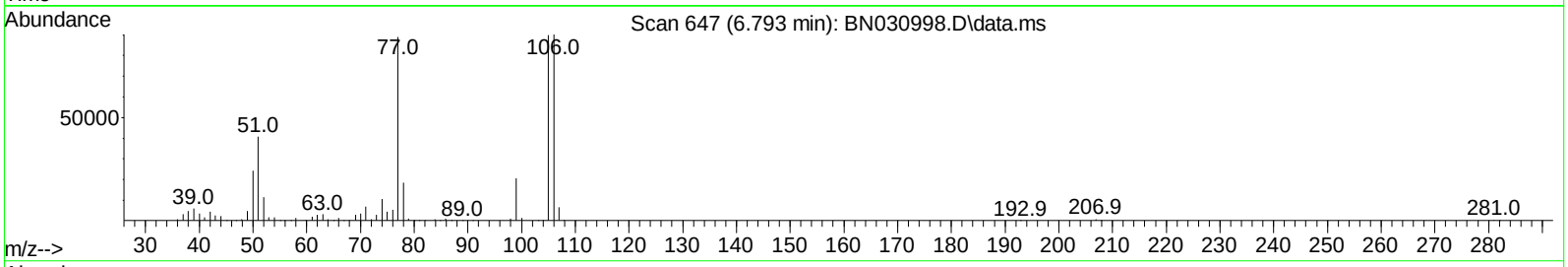

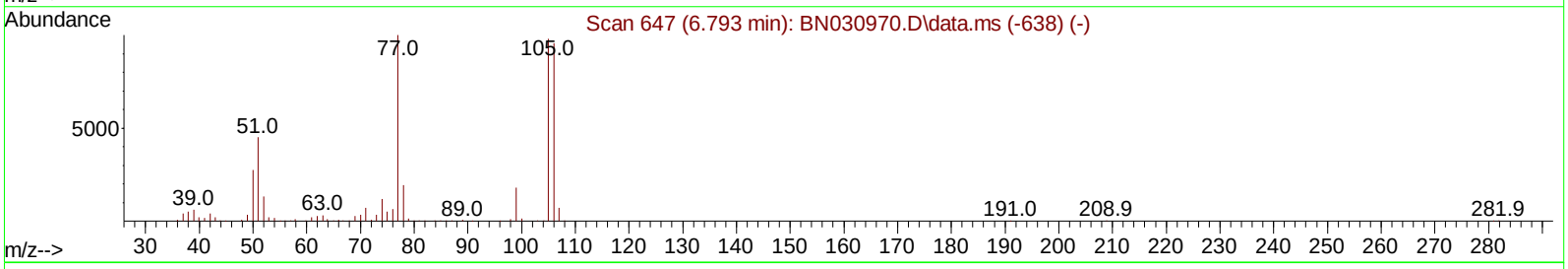

TIC: BN030998.D\data.ms

(6) Benzaldehyde

6.793min (-0.000) 37.58 ng/ul m

response 146357

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	100.79
106.00	94.50	101.25
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	7.640	152	103372	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	499569	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.286	164	360978	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	814265	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	899267	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1091097	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	16061	7.285	ng/uL	0.00
4) Pyridine-d5	3.552	84	198233	29.987	ng/ul	0.00
7) Phenol-d5	6.810	99	286854	34.303	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	168276	32.580	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	218075	34.377	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	233611	33.333	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	111097	32.058	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	107399	33.877	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	235905	33.990	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	356914	31.237	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	810419	33.626	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	900684	32.503	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	175188	38.002	ng/ul	0.00
60) Fluorene-d10	15.281	176	702578	33.313	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	122866	34.185	ng/ul	0.00
73) Anthracene-d10	17.133	188	1158521	33.022	ng/ul	0.00
81) Pyrene-d10	19.433	212	1461944	30.238	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1799452	35.792	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	23879	10.111	ng/uL	94
5) Pyridine	3.575	79	198048	29.690	ng/ul	100
6) Benzaldehyde	6.793	77	146357m	37.583	ng/ul	
8) Phenol	6.840	94	303858	34.880	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.075	93	226652	31.905	ng/ul	100
12) 2-Chlorophenol	7.204	128	232789	34.208	ng/ul	98
13) 2-Methylphenol	8.081	108	222469	33.141	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.157	45	308305	30.821	ng/ul	99
16) Acetophenone	8.457	105	375956	33.976	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.446	70	182642	32.772	ng/ul	97
18) 4-Methylphenol	8.410	108	259479	34.529	ng/ul	99
19) Hexachloroethane	8.704	117	88395	30.982	ng/ul	97
22) Nitrobenzene	8.834	77	266882	31.547	ng/ul	97
23) Isophorone	9.357	82	530766	31.460	ng/ul	98
25) 2-Nitrophenol	9.540	139	126714	34.009	ng/ul	96
26) 2,4-Dimethylphenol	9.604	107	215836	26.063	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.845	93	333513	31.092	ng/ul	100
29) 2,4-Dichlorophenol	10.069	162	236527	33.388	ng/ul	98
30) Naphthalene	10.469	128	804054	31.382	ng/ul	100
32) 4-Chloroaniline	10.587	127	341630	31.024	ng/ul	98
33) Hexachlorobutadiene	10.745	225	131547	29.501	ng/ul	97
34) Caprolactam	11.363	113	91152	34.442	ng/ul	95
35) 4-Chloro-3-methylphenol	11.716	107	275230	34.494	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.087	142	571496	31.939	ng/ul	98
37) 1-Methylnaphthalene	12.310	142	583789	32.140	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	292530	31.402	ng/ul	97
40) Hexachlorocyclopentadiene	12.434	237	119182	22.528	ng/ul	100
41) 2,4,6-Trichlorophenol	12.704	196	190055	32.648	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	222362	33.823	ng/ul	96
43) 1,1'-Biphenyl	13.116	154	771879	31.372	ng/ul	100
44) 2-Chloronaphthalene	13.151	162	608371	31.410	ng/ul	99
45) 2-Nitroaniline	13.369	65	175831	34.112	ng/ul	98
47) Dimethylphthalate	13.751	163	814818	32.729	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	153993	33.362	ng/ul	94
50) Acenaphthylene	14.004	152	1002409	31.308	ng/ul	100
51) 3-Nitroaniline	14.204	138	188740	38.523	ng/ul	96
52) Acenaphthene	14.345	153	664300	31.135	ng/ul	100
53) 2,4-Dinitrophenol	14.404	184	73967	34.888	ng/ul	91
55) 4-Nitrophenol	14.510	109	139547	38.207	ng/ul	97
56) Dibenzofuran	14.686	168	963747	32.494	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	249382	37.005	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.916	232	187278	34.300	ng/ul	97
59) Diethylphthalate	15.122	149	850908	33.643	ng/ul	100
61) Fluorene	15.339	166	796286	33.778	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.333	204	371144	32.089	ng/ul	97
63) 4-Nitroaniline	15.369	138	211584	44.421	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.422	198	136447	35.332	ng/ul	95
67) N-Nitrosodiphenylamine	15.551	169	712545	32.132	ng/ul	99
68) 4-Bromophenyl-phenylether	16.233	248	224988	29.098	ng/ul	97
69) Hexachlorobenzene	16.333	284	266185	29.236	ng/ul	98
70) Atrazine	16.510	200	254956	33.171	ng/ul	99
71) Pentachlorophenol	16.680	266	170040	31.675	ng/ul	99
72) Phenanthrene	17.075	178	1373564	32.833	ng/ul	99
74) Anthracene	17.169	178	1349189	31.902	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	288079	28.798	ng/uL	98
76) Pentachlorobenzene	14.604	250	301199	29.643	ng/uL	97
77) Carbazole	17.445	167	1365266	36.811	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1586945	35.074	ng/ul	99
80) Fluoranthene	19.098	202	1686464	29.343	ng/ul	96
82) Pyrene	19.463	202	1833447	30.206	ng/ul	99
83) Butylbenzylphthalate	20.374	149	781437	33.712	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.186	252	596725	36.113	ng/ul	95
85) Benzo(a)anthracene	21.251	228	1993309	33.213	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	1152334	33.710	ng/ul	100
87) Chrysene	21.310	228	1861955	32.869	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2107037	30.494	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2159077	33.624	ng/ul	98
91) Benzo(k)fluoranthene	23.315	252	2173956	33.337	ng/ul	100
93) Benzo(a)pyrene	24.033	252	1920959	31.669	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.427	276	2868961	43.754	ng/ul	100
95) Dibenzo(a,h)anthracene	27.486	278	2338634	42.366	ng/ul	96
96) Benzo(g,h,i)perylene	28.445	276	2312011	44.914	ng/ul	95

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

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