Quantitation Report (Qedit)

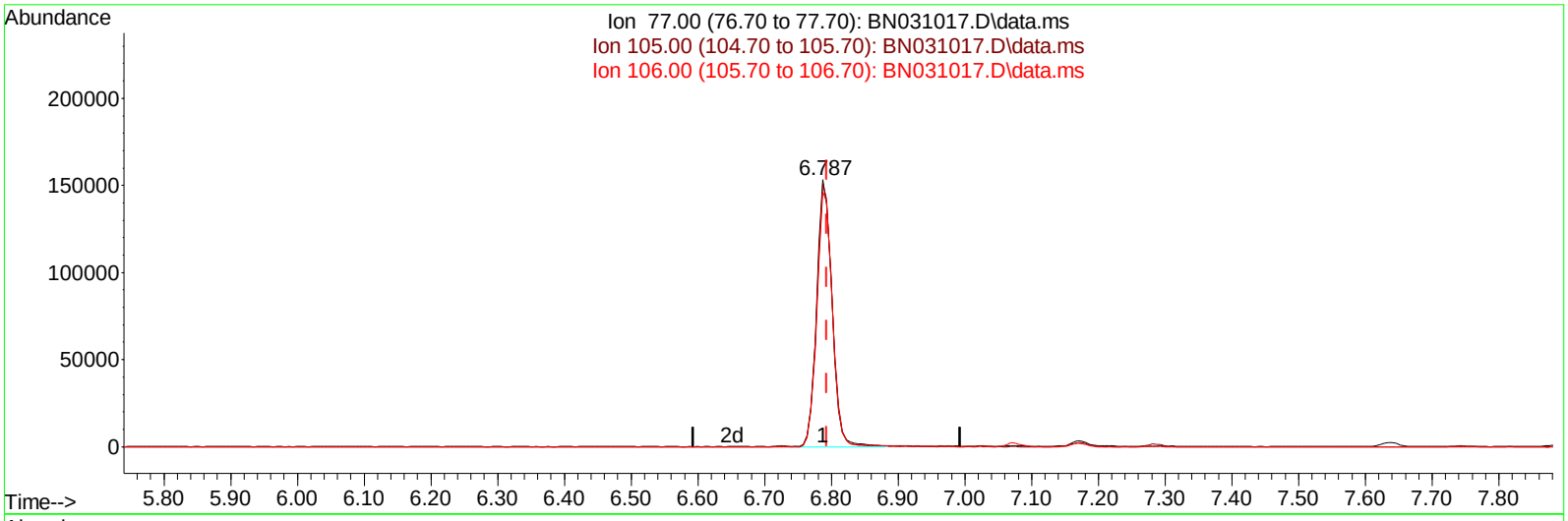
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
Data File : BN031017.D
Acq On : 18 Apr 2024 20:34
Operator : MA/JU
Sample : P2020-04MSD 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

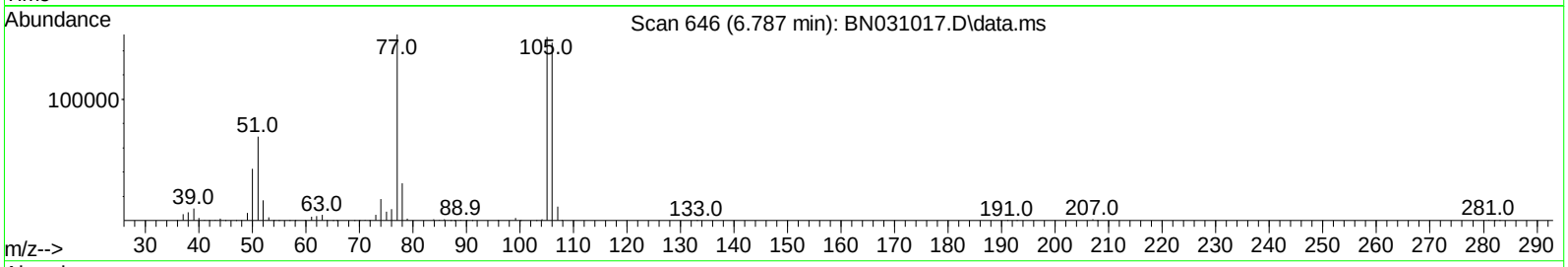
Quant Time: Apr 18 22:44:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 22:24:16 2024
Response via : Initial Calibration

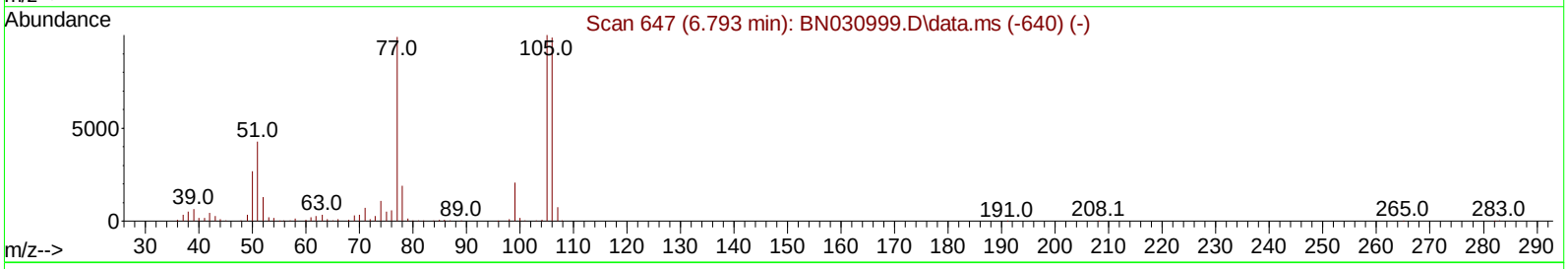
Instrument :
BNA_N
ClientSampleId :
E07W5MSD

Manual IntegrationsAPPROVED

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







TIC: BN031017.D\data.ms

(6) Benzaldehyde

6.787min (-0.006) 56.43 ng/ul

response 245175

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	98.58
106.00	94.50	95.53
0.00	0.00	0.00

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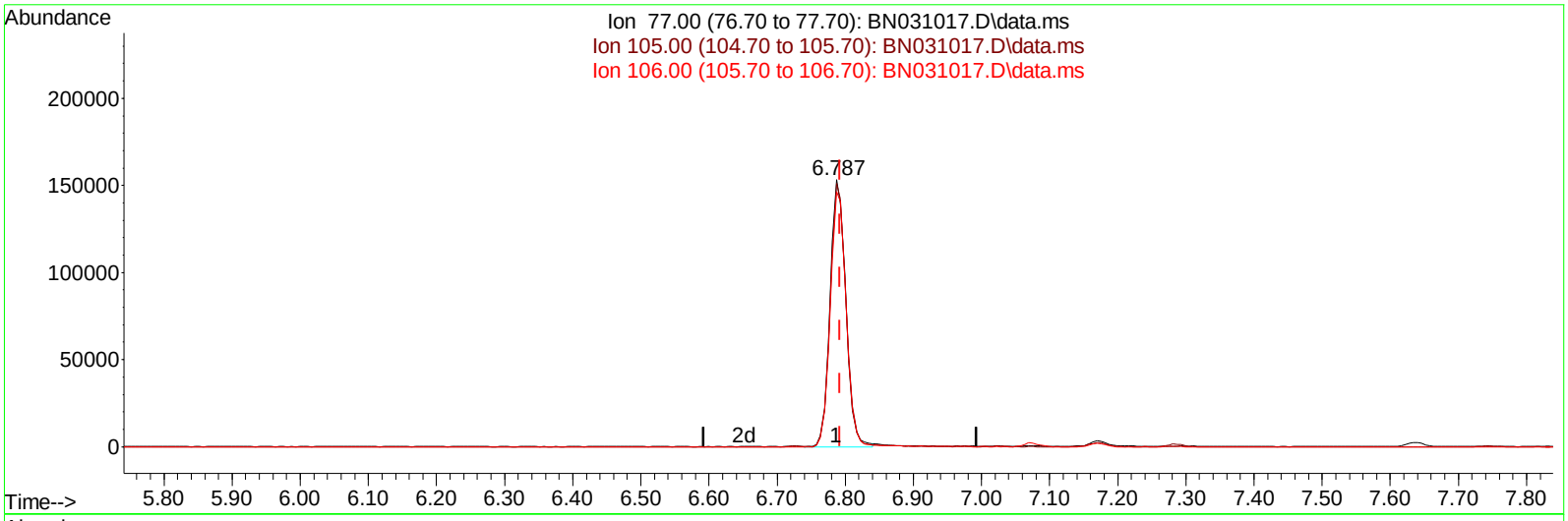

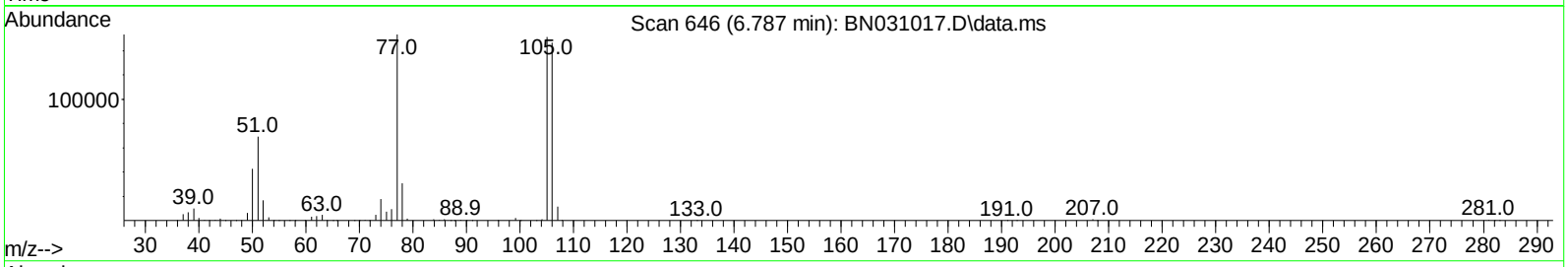

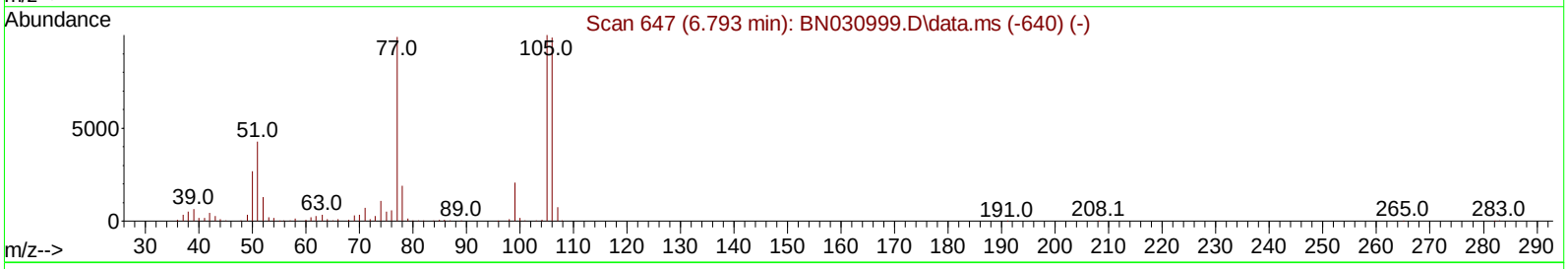

TIC: BN031017.D\data.ms

(6) Benzaldehyde

6.787min (-0.006) 55.90 ng/ul m

response 242844

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	98.58
106.00	94.50	95.53
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	115326	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	545912	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	389191	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.034	188	855549	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	940616	20.000	ng/ul	0.00
88) Perylene-d12	24.169	264	1151590	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	11388	4.630	ng/uL	0.00
4) Pyridine-d5	3.558	84	88074	11.942	ng/ul	0.00
7) Phenol-d5	6.811	99	74071	7.940	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	209274	36.318	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	194123	27.429	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	139406	17.829	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	141546	37.377	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	128876	37.201	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	252712	33.320	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	402764	32.257	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	1051731	40.475	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	1137964	38.089	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	46765	9.409	ng/ul	0.00
60) Fluorene-d10	15.281	176	908076	39.935	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	144165	38.176	ng/ul	0.00
73) Anthracene-d10	17.134	188	1480886	40.173	ng/ul	0.00
81) Pyrene-d10	19.433	212	1869079	36.959	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	2263319	42.654	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	11936	4.530	ng/uL	88
5) Pyridine	3.575	79	93896	12.617	ng/ul	94
6) Benzaldehyde	6.787	77	242844m	55.896	ng/ul	
8) Phenol	6.840	94	91426	9.407	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.075	93	311021	39.244	ng/ul	99
12) 2-Chlorophenol	7.205	128	232411	30.613	ng/ul	96
13) 2-Methylphenol	8.081	108	173956	23.228	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.158	45	426526	38.220	ng/ul	99
16) Acetophenone	8.458	105	530288	42.955	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.440	70	254913	40.998	ng/ul	96
18) 4-Methylphenol	8.411	108	174865	20.857	ng/ul	94
19) Hexachloroethane	8.705	117	118281	37.160	ng/ul	99
22) Nitrobenzene	8.834	77	370386	40.066	ng/ul	100
23) Isophorone	9.358	82	752664	40.825	ng/ul	99
25) 2-Nitrophenol	9.540	139	160350	39.383	ng/ul	99
26) 2,4-Dimethylphenol	9.605	107	250713	27.705	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.840	93	459560	39.206	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	281702	36.389	ng/ul	99
30) Naphthalene	10.469	128	1097673	39.204	ng/ul	99
32) 4-Chloroaniline	10.587	127	397611	33.043	ng/ul	98
33) Hexachlorobutadiene	10.746	225	177156	36.356	ng/ul	99
34) Caprolactam	11.375	113	18434	6.374	ng/ul	98
35) 4-Chloro-3-methylphenol	11.710	107	301033	34.525	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.087	142	807850	41.315	ng/ul	100
37) 1-Methylnaphthalene	12.310	142	824755	41.551	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	407119	40.534	ng/ul	98
40) Hexachlorocyclopentadiene	12.434	237	150561	26.396	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	243657	38.822	ng/ul	96
42) 2,4,5-Trichlorophenol	12.775	196	277628	39.168	ng/ul	94
43) 1,1'-Biphenyl	13.110	154	1072405	40.426	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	843530	40.394	ng/ul	100
45) 2-Nitroaniline	13.369	65	261009	46.967	ng/ul	98
47) Dimethylphthalate	13.746	163	1151546	42.901	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	233422	46.903	ng/ul	93
50) Acenaphthylene	14.004	152	1436596	41.617	ng/ul	99
51) 3-Nitroaniline	14.198	138	245422	46.461	ng/ul	98
52) Acenaphthene	14.351	153	923177	40.131	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	95072	41.592	ng/ul	95
55) 4-Nitrophenol	14.510	109	40267	10.226	ng/ul	96
56) Dibenzofuran	14.687	168	1343389	42.011	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	358629	49.359	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	245694	41.737	ng/ul	91
59) Diethylphthalate	15.122	149	1191248	43.685	ng/ul	98
61) Fluorene	15.334	166	1083692	42.637	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	511886	41.050	ng/ul	99
63) 4-Nitroaniline	15.369	138	287880	56.058	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.422	198	175579	43.271	ng/ul	94
67) N-Nitrosodiphenylamine	15.551	169	997801	42.825	ng/ul	98
68) 4-Bromophenyl-phenylether	16.228	248	332707	40.953	ng/ul	94
69) Hexachlorobenzene	16.334	284	393860	41.172	ng/ul	98
70) Atrazine	16.510	200	360625	44.655	ng/ul	96
71) Pentachlorophenol	16.681	266	225288	39.942	ng/ul	95
72) Phenanthrene	17.075	178	1891892	43.041	ng/ul	98
74) Anthracene	17.169	178	1914254	43.079	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	410980	39.101	ng/uL	99
76) Pentachlorobenzene	14.598	250	416812	39.042	ng/uL	91
77) Carbazole	17.445	167	1887092	48.426	ng/ul	99
78) Di-n-butylphthalate	18.010	149	2288661	48.143	ng/ul	100
80) Fluoranthene	19.098	202	2371526	39.449	ng/ul	98
82) Pyrene	19.463	202	2522706	39.734	ng/ul	99
83) Butylbenzylphthalate	20.375	149	1158696	47.789	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.186	252	692071	40.042	ng/ul	93
85) Benzo(a)anthracene	21.251	228	2720956	43.345	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	1644228	45.985	ng/ul	99
87) Chrysene	21.310	228	2543429	42.926	ng/ul	97
89) Di-n-octyl phthalate	22.280	149	3012441	41.308	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2973174	43.870	ng/ul	100
91) Benzo(k)fluoranthene	23.316	252	2962137	43.037	ng/ul	98
93) Benzo(a)pyrene	24.033	252	2613816	40.827	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.433	276	3795067	54.837	ng/ul	98
95) Dibenzo(a,h)anthracene	27.492	278	3071436	52.719	ng/ul	97
96) Benzo(g,h,i)perylene	28.451	276	2981464	54.876	ng/ul	98

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

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