Quantitation Report (Qedit)

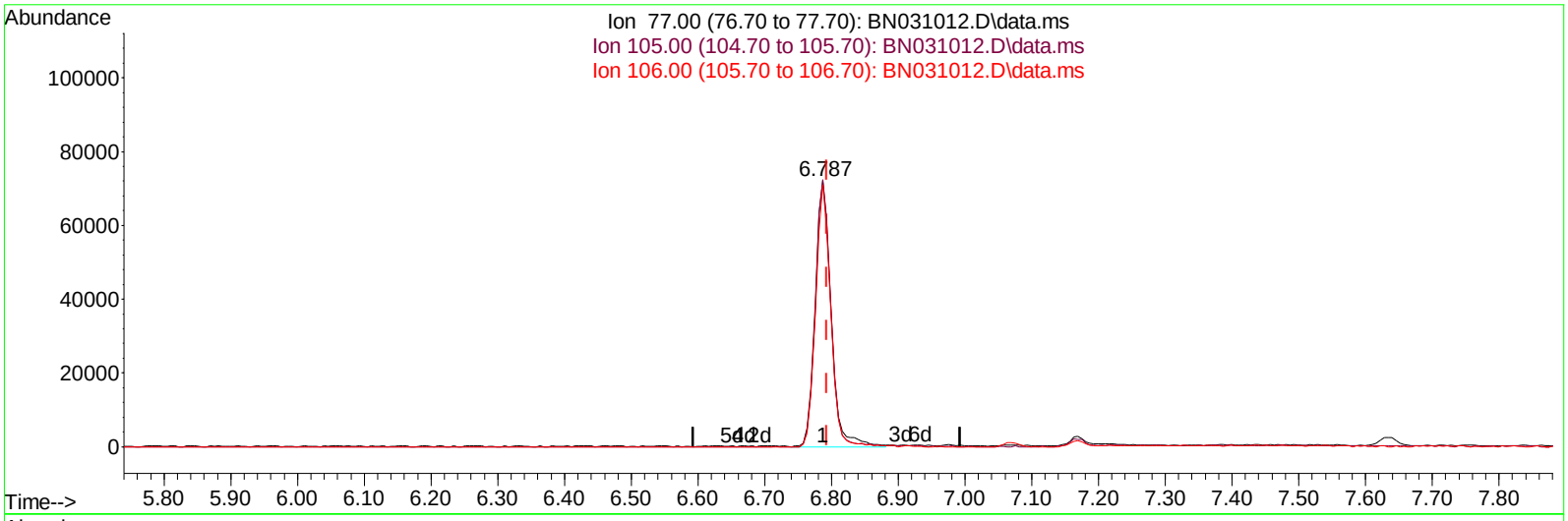
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
Data File : BN031012.D
Acq On : 18 Apr 2024 17:16
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

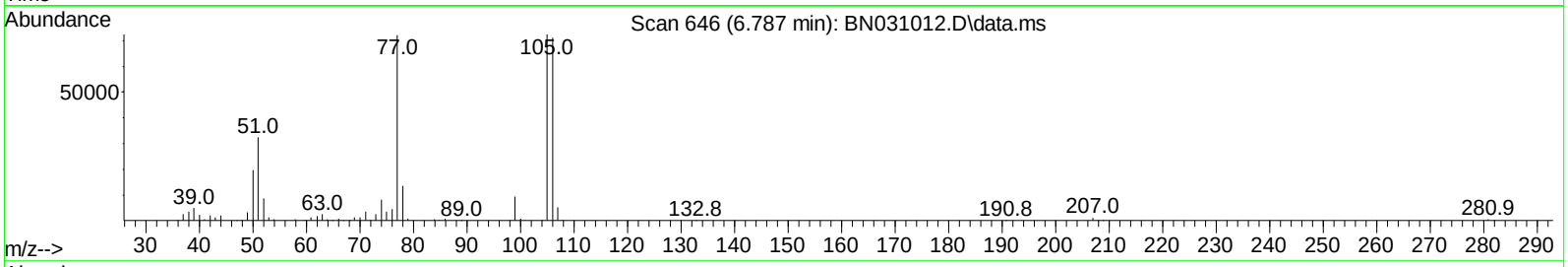
Quant Time: Apr 18 17:47:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 22:24:16 2024
Response via : Initial Calibration

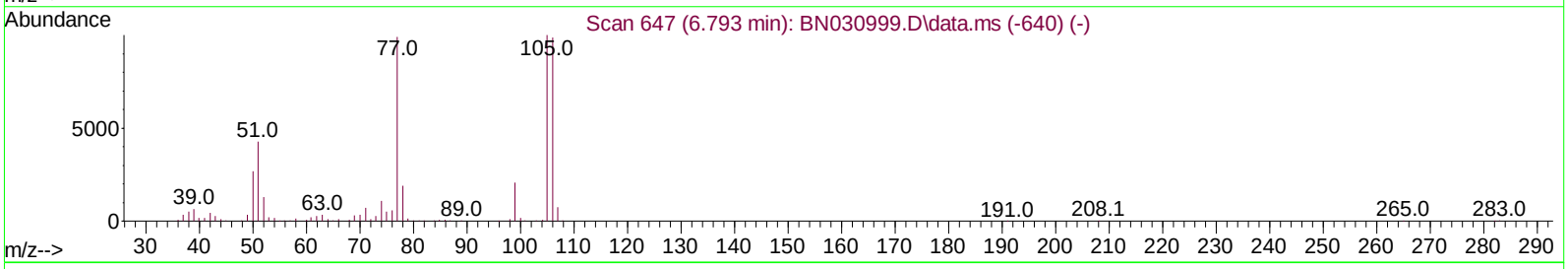
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BN031012.D\data.ms

(6) Benzaldehyde

6.787min (-0.006) 28.49 ng/ul

response 120132

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	100.18
106.00	94.50	98.35
0.00	0.00	0.00

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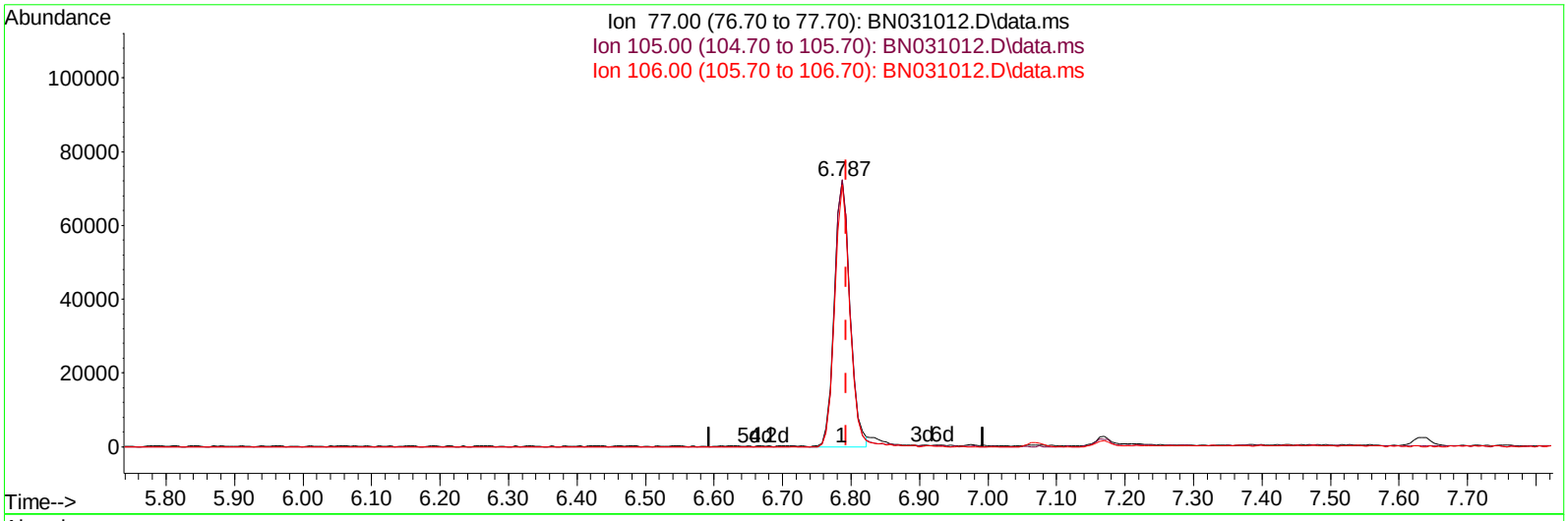

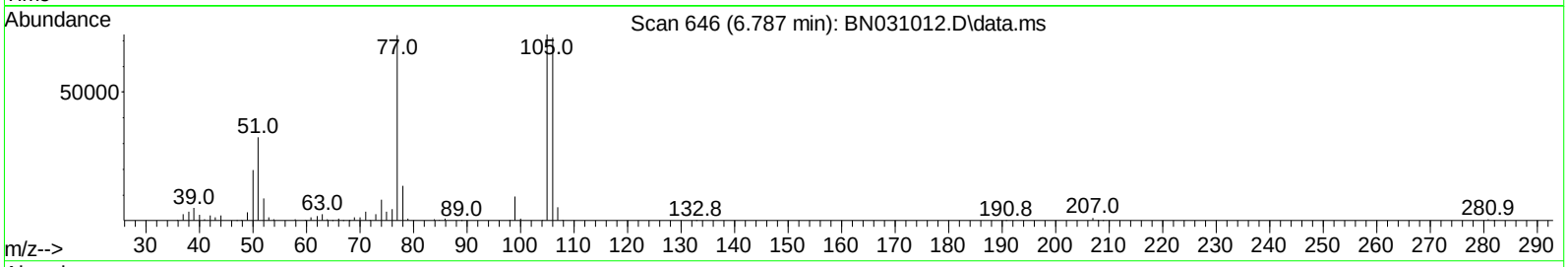

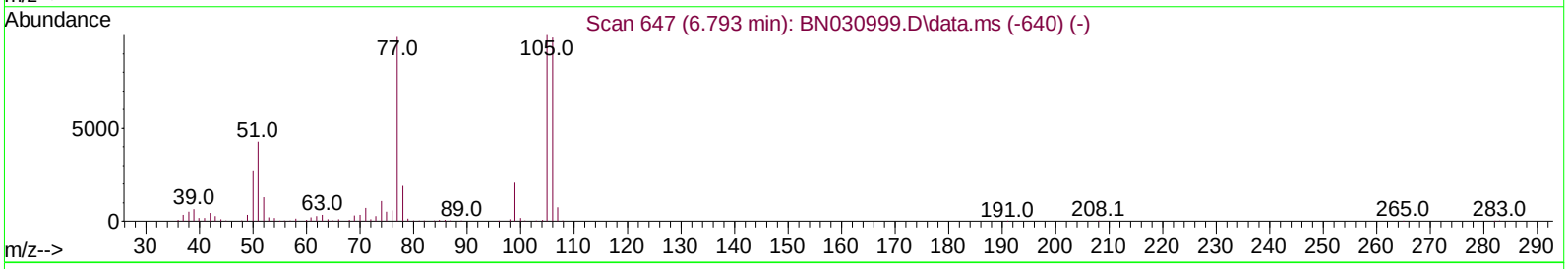

TIC: BN031012.D\data.ms

(6) Benzaldehyde

6.787min (-0.006) 27.44 ng/ul m

response 115696

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	100.18
106.00	94.50	98.35
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Apr 18 17:48:18 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
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Instrument :
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SSTDCCC020

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	111912	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	532256	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	368341	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	824745	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	867126	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1105299	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	21728	9.103	ng/uL	0.00
4) Pyridine-d5	3.552	84	150990	21.098	ng/ul	0.00
7) Phenol-d5	6.810	99	192357	21.248	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	120314	21.517	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	147041	21.410	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	162011	21.353	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	77378	20.957	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	72682	21.518	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	158896	21.488	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	254466	20.903	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	535007	21.755	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	620059	21.929	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	106995	22.745	ng/ul	0.00
60) Fluorene-d10	15.281	176	479650	22.288	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	71386	19.610	ng/ul	0.00
73) Anthracene-d10	17.133	188	761960	21.442	ng/ul	0.00
81) Pyrene-d10	19.433	212	929272	19.933	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1080607	21.218	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	21819	8.533	ng/uL	95
5) Pyridine	3.569	79	147897	20.480	ng/ul	96
6) Benzaldehyde	6.787	77	115696m	27.442	ng/ul	
8) Phenol	6.834	94	205089	21.746	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.069	93	169919	22.094	ng/ul	98
12) 2-Chlorophenol	7.199	128	160956	21.847	ng/ul	98
13) 2-Methylphenol	8.075	108	152406	20.971	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.163	45	232161	21.438	ng/ul	99
16) Acetophenone	8.457	105	272952	22.785	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.440	70	132081	21.891	ng/ul	96
18) 4-Methylphenol	8.404	108	175175	21.532	ng/ul	97
19) Hexachloroethane	8.704	117	66267	21.454	ng/ul	98
22) Nitrobenzene	8.834	77	194028	21.527	ng/ul	98
23) Isophorone	9.351	82	381411	21.219	ng/ul	99
25) 2-Nitrophenol	9.540	139	87818	22.122	ng/ul	96
26) 2,4-Dimethylphenol	9.599	107	189156	21.439	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.840	93	245202	21.455	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	165159	21.882	ng/ul	96
30) Naphthalene	10.469	128	581126	21.288	ng/ul	100
32) 4-Chloroaniline	10.587	127	254294	21.675	ng/ul	98
33) Hexachlorobutadiene	10.746	225	95015	20.000	ng/ul	98
34) Caprolactam	11.363	113	55486	19.678	ng/ul	97
35) 4-Chloro-3-methylphenol	11.710	107	184546	21.709	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.087	142	411939	21.608	ng/ul	97
37) 1-Methylnaphthalene	12.310	142	406747	21.018	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.457	216	197981	20.827	ng/ul	95
40) Hexachlorocyclopentadiene	12.434	237	104563	19.370	ng/ul	95
41) 2,4,6-Trichlorophenol	12.704	196	127946	21.539	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	146539	21.844	ng/ul	99
43) 1,1'-Biphenyl	13.110	154	545499	21.728	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	432486	21.883	ng/ul	98
45) 2-Nitroaniline	13.369	65	113775	21.632	ng/ul	98
47) Dimethylphthalate	13.745	163	562384	22.138	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	99364	21.096	ng/ul	92
50) Acenaphthylene	14.004	152	733585	22.454	ng/ul	99
51) 3-Nitroaniline	14.198	138	118018	23.607	ng/ul	100
52) Acenaphthene	14.345	153	481190	22.102	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	39337	18.183	ng/ul#	81
55) 4-Nitrophenol	14.510	109	86314	23.160	ng/ul	98
56) Dibenzofuran	14.686	168	676865	22.366	ng/ul	97
57) 2,4-Dinitrotoluene	14.657	165	157763	22.942	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	121436	21.796	ng/ul	94
59) Diethylphthalate	15.116	149	574252	22.251	ng/ul	99
61) Fluorene	15.334	166	545234	22.666	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.334	204	263679	22.342	ng/ul	97
63) 4-Nitroaniline	15.363	138	134506	27.675	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.416	198	80967	20.699	ng/ul#	98
67) N-Nitrosodiphenylamine	15.551	169	476990	21.237	ng/ul	100
68) 4-Bromophenyl-phenylether	16.233	248	156997	20.047	ng/ul	94
69) Hexachlorobenzene	16.333	284	188608	20.452	ng/ul	94
70) Atrazine	16.510	200	160931	20.672	ng/ul	99
71) Pentachlorophenol	16.680	266	105951	19.486	ng/ul	98
72) Phenanthrene	17.075	178	917656	21.657	ng/ul	99
74) Anthracene	17.169	178	945381	22.070	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	204809	20.213	ng/uL	98
76) Pentachlorobenzene	14.598	250	203747	19.797	ng/uL#	88
77) Carbazole	17.439	167	879451	23.411	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1009162	22.021	ng/ul	100
80) Fluoranthene	19.098	202	1113026	20.084	ng/ul	98
82) Pyrene	19.463	202	1185725	20.259	ng/ul	99
83) Butylbenzylphthalate	20.380	149	463380	20.731	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.186	252	382762	24.023	ng/ul	98
85) Benzo(a)anthracene	21.251	228	1286057	22.223	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	708334	21.489	ng/ul	97
87) Chrysene	21.310	228	1232720	22.568	ng/ul	97
89) Di-n-octyl phthalate	22.286	149	1205433	17.222	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1330789	20.458	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	1358349	20.562	ng/ul	99
93) Benzo(a)pyrene	24.033	252	1315684	21.411	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.427	276	1661304	25.011	ng/ul	97
95) Dibenzo(a,h)anthracene	27.486	278	1373601	24.564	ng/ul	97
96) Benzo(g,h,i)perylene	28.439	276	1352127	25.929	ng/ul	97

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

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