Quantitation Report (Qedit)

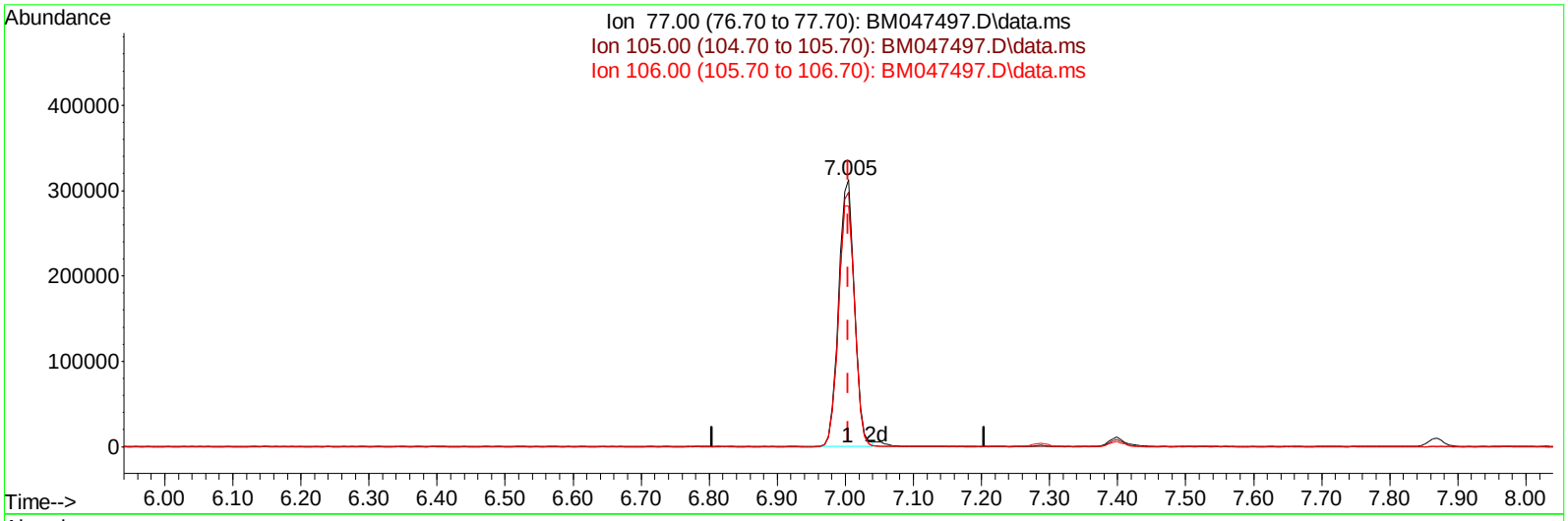
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091224\
Data File : BM047497.D
Acq On : 12 Sep 2024 10:10
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

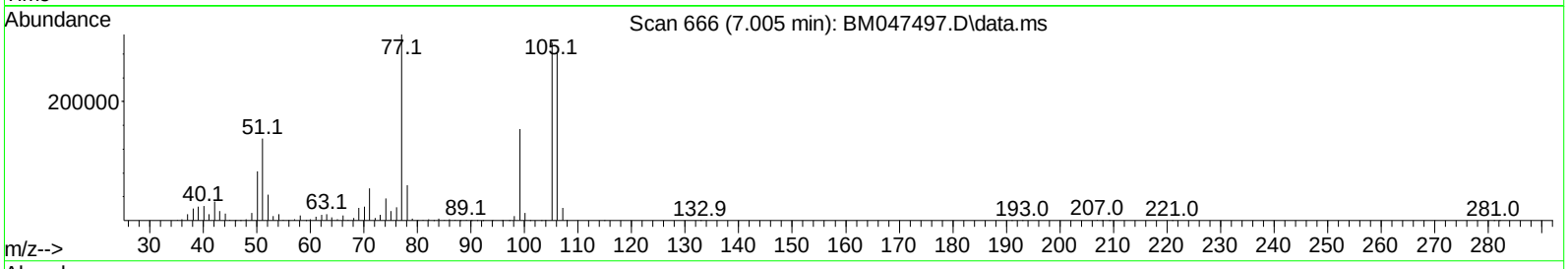
Quant Time: Sep 12 10:55:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:35:12 2024
Response via : Initial Calibration

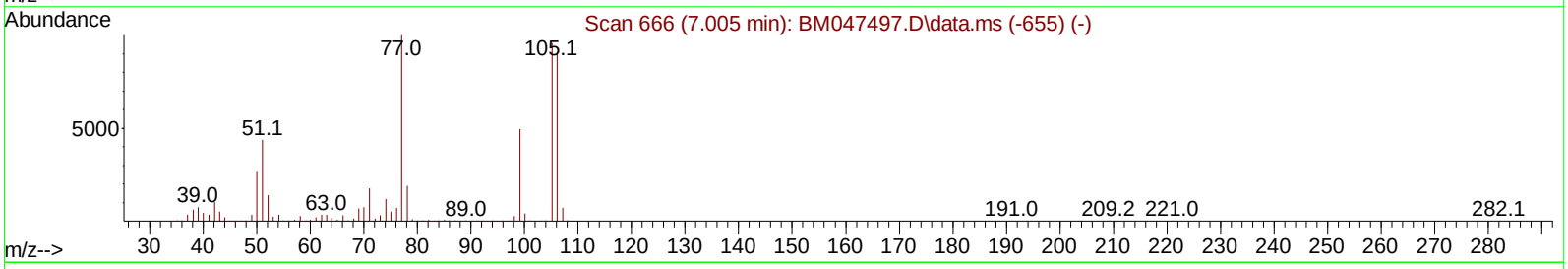
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024







TIC: BM047497.D\data.ms

(6) Benzaldehyde

7.005min (+ 0.000) 23.55 ng/ul

response 503939

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	94.50	95.46
106.00	90.10	90.26
0.00	0.00	0.00

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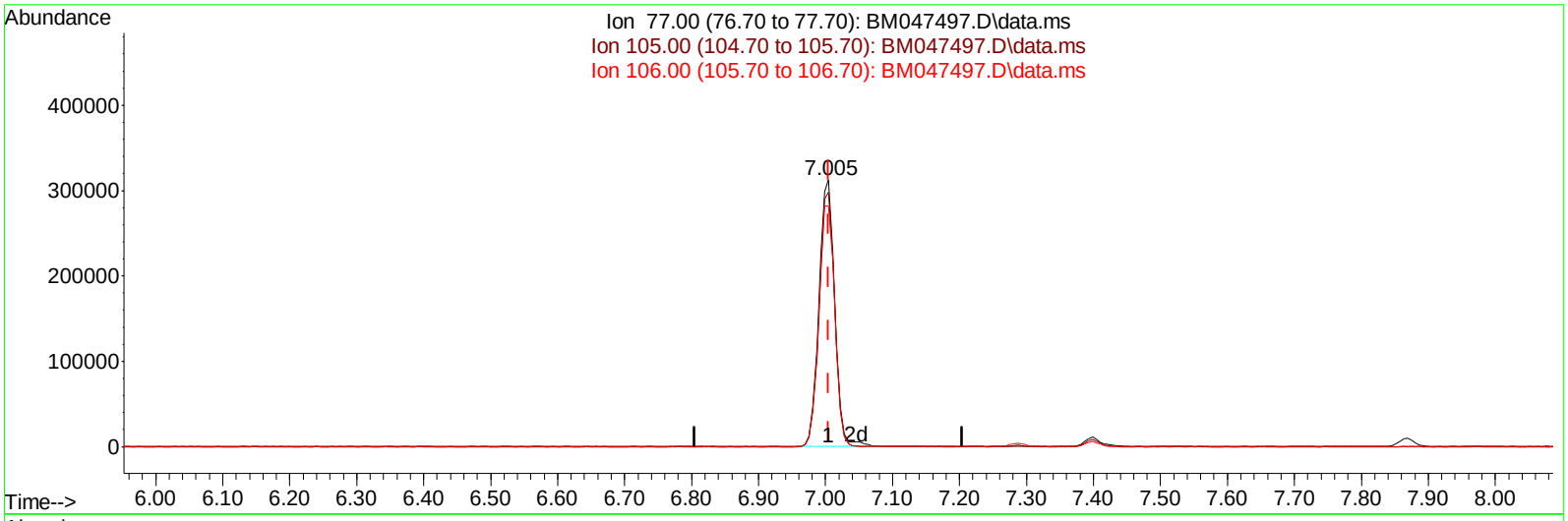

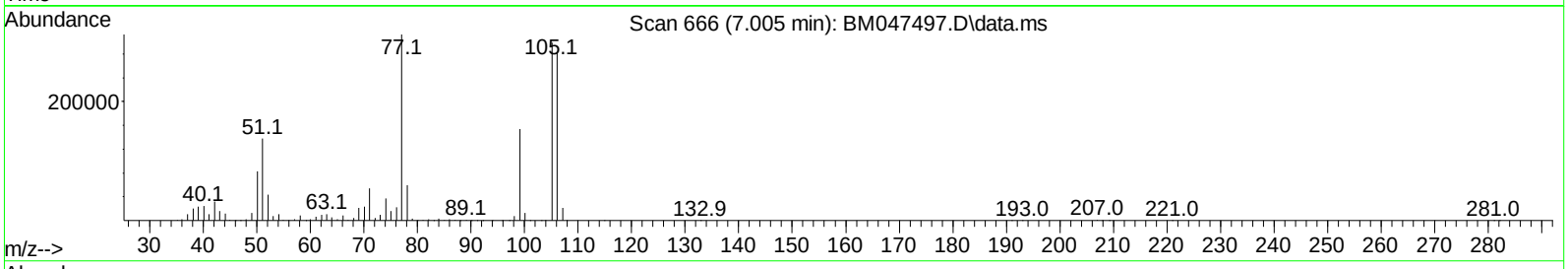

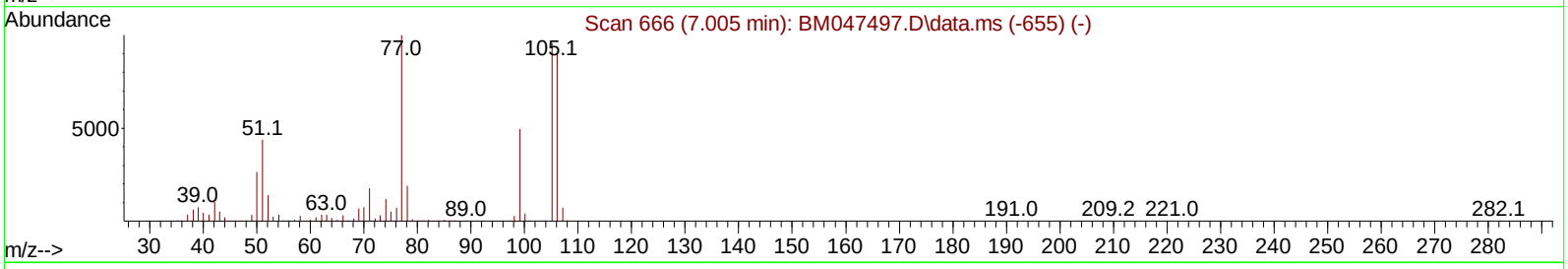

TIC: BM047497.D\data.ms

(6) Benzaldehyde

7.005min (+ 0.000) 23.92 ng/ul m

response 511797

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	94.50	95.46
106.00	90.10	90.26
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 13 02:03:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:35:12 2024
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Instrument :
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LabSampleId :
SSTDCCC020

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	431287	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1977209	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	1212054	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	2366946	20.000	ng/ul	0.00
79) Chrysene-d12	21.462	240	1832945	20.000	ng/ul	0.00
88) Perylene-d12	24.503	264	1592174	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	83961	7.851	ng/uL	0.00
4) Pyridine-d5	3.711	84	662649	19.395	ng/ul	0.00
7) Phenol-d5	7.022	99	748797	18.522	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	481166	19.121	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	605780	19.675	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	613759	19.315	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	311145	20.377	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	295285	20.470	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	590262	20.124	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	911616	18.990	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1686711	18.933	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	2084125	19.387	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	304328	17.241	ng/ul	0.00
60) Fluorene-d10	15.486	176	1444928	18.770	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	186335	14.891	ng/ul	0.00
73) Anthracene-d10	17.327	188	2173428	19.069	ng/ul	0.00
81) Pyrene-d10	19.616	212	2284353	21.384	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.292	264	1642462	19.413	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	89267	7.734	ng/uL	99
5) Pyridine	3.728	79	677828	19.215	ng/ul	97
6) Benzaldehyde	7.005	77	511797m	23.918	ng/ul	
8) Phenol	7.046	94	777008	18.670	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.287	93	627666	19.072	ng/ul	99
12) 2-Chlorophenol	7.428	128	630771	19.780	ng/ul	99
13) 2-Methylphenol	8.299	108	589517	18.818	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	914665	18.964	ng/ul	99
16) Acetophenone	8.687	105	1010533	19.761	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.675	70	533332	19.652	ng/ul	97
18) 4-Methylphenol	8.628	108	660861	19.321	ng/ul	96
19) Hexachloroethane	8.957	117	268403	19.589	ng/ul	99
22) Nitrobenzene	9.063	77	752601	19.725	ng/ul	98
23) Isophorone	9.593	82	1434496	18.853	ng/ul	99
25) 2-Nitrophenol	9.775	139	341654	20.486	ng/ul	99
26) 2,4-Dimethylphenol	9.834	107	692719	19.311	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.075	93	877761	19.064	ng/ul	100
29) 2,4-Dichlorophenol	10.304	162	598719	20.134	ng/ul	100
30) Naphthalene	10.716	128	2114181	19.408	ng/ul	99
32) 4-Chloroaniline	10.816	127	890619	18.858	ng/ul	99
33) Hexachlorobutadiene	11.010	225	350856	19.782	ng/ul	99
34) Caprolactam	11.569	113	190405	16.624	ng/ul	90
35) 4-Chloro-3-methylphenol	11.934	107	645738	19.284	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.322	142	1460042	19.499	ng/ul	100
37) 1-Methylnaphthalene	12.545	142	1474820	19.494	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.692	216	710528	19.746	ng/ul	99
40) Hexachlorocyclopentadiene	12.681	237	448066	18.112	ng/ul	100
41) 2,4,6-Trichlorophenol	12.928	196	445482	20.176	ng/ul	100
42) 2,4,5-Trichlorophenol	12.992	196	485341	20.224	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	1869031	19.563	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	1434144	19.574	ng/ul	99
45) 2-Nitroaniline	13.563	65	420283	19.718	ng/ul	97
47) Dimethylphthalate	13.951	163	1706364	18.857	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	330706	20.028	ng/ul	98
50) Acenaphthylene	14.216	152	2258658	19.437	ng/ul	100
51) 3-Nitroaniline	14.386	138	380111	19.717	ng/ul	93
52) Acenaphthene	14.563	153	1588483	19.241	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	141367	15.559	ng/ul	87
55) 4-Nitrophenol	14.686	109	255794	17.213	ng/ul	96
56) Dibenzofuran	14.892	168	2086869	19.448	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	481588	20.253	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.116	232	367082	19.878	ng/ul	97
59) Diethylphthalate	15.316	149	1784386	18.638	ng/ul	98
61) Fluorene	15.539	166	1816782	19.400	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	838671	19.340	ng/ul	99
63) 4-Nitroaniline	15.545	138	403545	21.153	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.604	198	216080	15.277	ng/ul	97
67) N-Nitrosodiphenylamine	15.745	169	1439607	19.565	ng/ul	99
68) 4-Bromophenyl-phenylether	16.428	248	473443	19.333	ng/ul	97
69) Hexachlorobenzene	16.545	284	536061	19.158	ng/ul	95
70) Atrazine	16.692	200	472878	18.294	ng/ul	98
71) Pentachlorophenol	16.880	266	301011	17.094	ng/ul	99
72) Phenanthrene	17.275	178	2571888	19.047	ng/ul	100
74) Anthracene	17.363	178	2628052	19.221	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	701888	20.392	ng/uL	99
76) Pentachlorobenzene	14.816	250	677088	19.917	ng/uL	100
77) Carbazole	17.627	167	2358075	18.863	ng/ul	100
78) Di-n-butylphthalate	18.204	149	3046959	18.905	ng/ul	100
80) Fluoranthene	19.280	202	2790184	22.160	ng/ul	98
82) Pyrene	19.639	202	3005025	22.392	ng/ul	100
83) Butylbenzylphthalate	20.539	149	1256484	20.510	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.363	252	648419	14.962	ng/ul	99
85) Benzo(a)anthracene	21.445	228	2527235	19.302	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.380	149	1970937	21.217	ng/ul	99
87) Chrysene	21.504	228	2330475	19.292	ng/ul	99
89) Di-n-octyl phthalate	22.539	149	2989444	23.503	ng/ul	100
90) Benzo(b)fluoranthene	23.539	252	2096148	20.509	ng/ul	100
91) Benzo(k)fluoranthene	23.604	252	2051727	20.439	ng/ul	99
93) Benzo(a)pyrene	24.362	252	1833715	19.530	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.944	276	2049567	17.800	ng/ul	99
95) Dibenzo(a,h)anthracene	28.009	278	1660618	17.712	ng/ul	99
96) Benzo(g,h,i)perylene	29.015	276	1549404	17.615	ng/ul	99

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

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