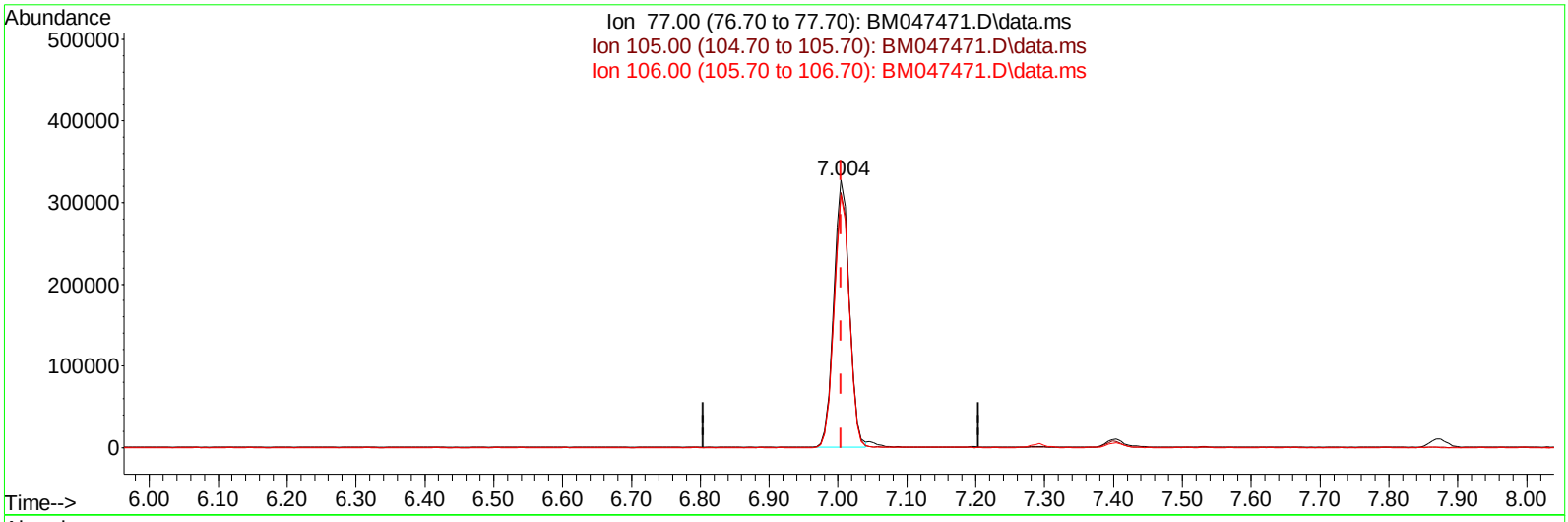
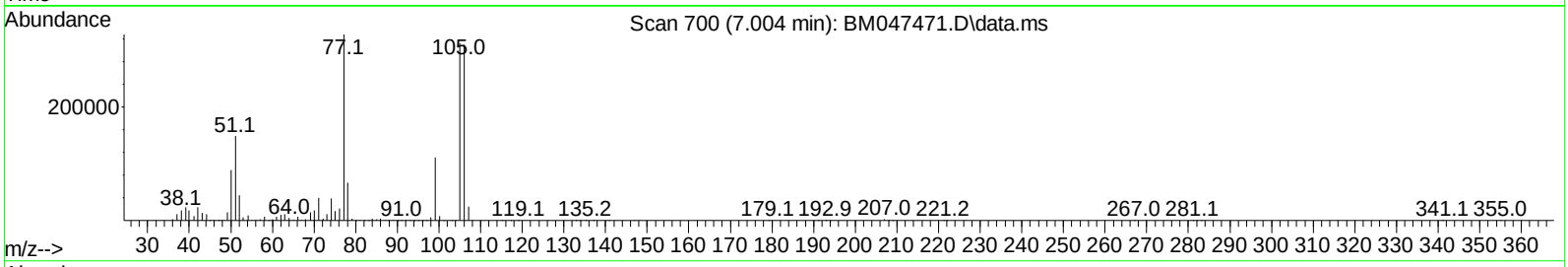
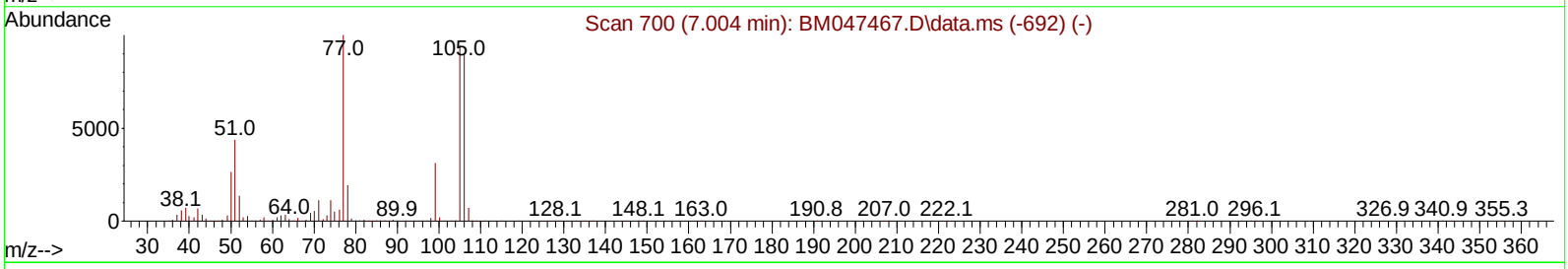
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091024\
Data File : BM047471.D
Acq On : 10 Sep 2024 22:41
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 11 00:40:08 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







TIC: BM047471.D\data.ms

(6) Benzaldehyde

7.004min (-0.000) 22.00 ng/ul

response 510501

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	94.50	95.29
106.00	90.10	94.49
0.00	0.00	0.00

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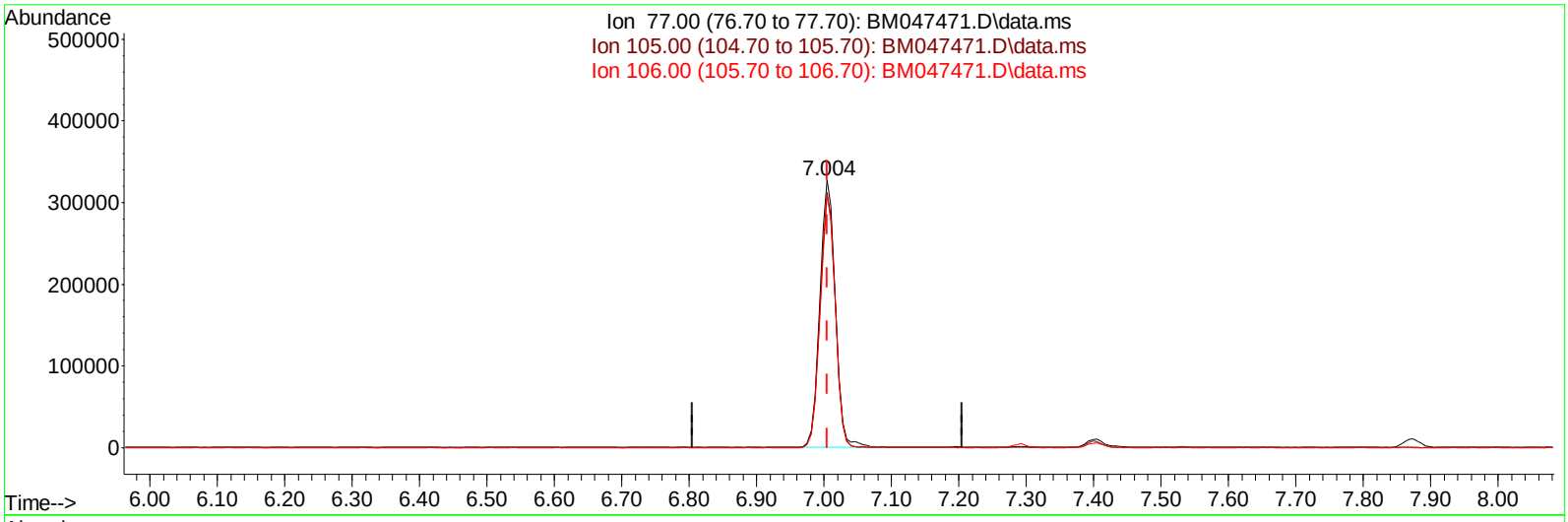

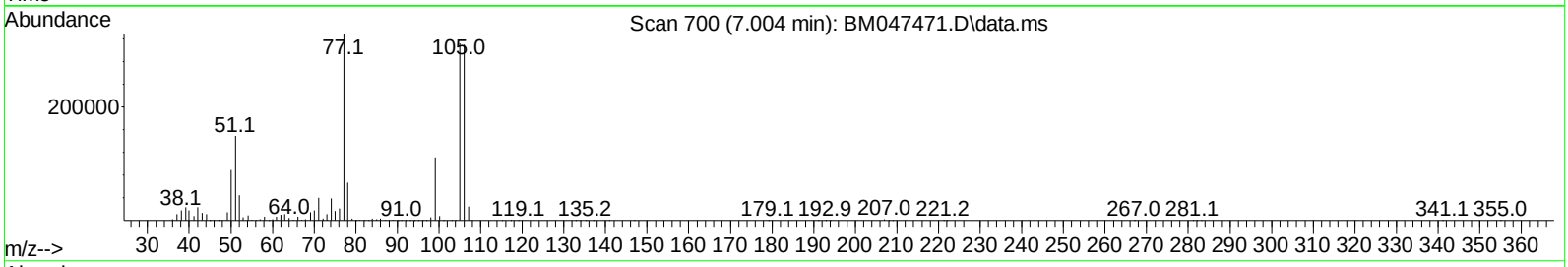

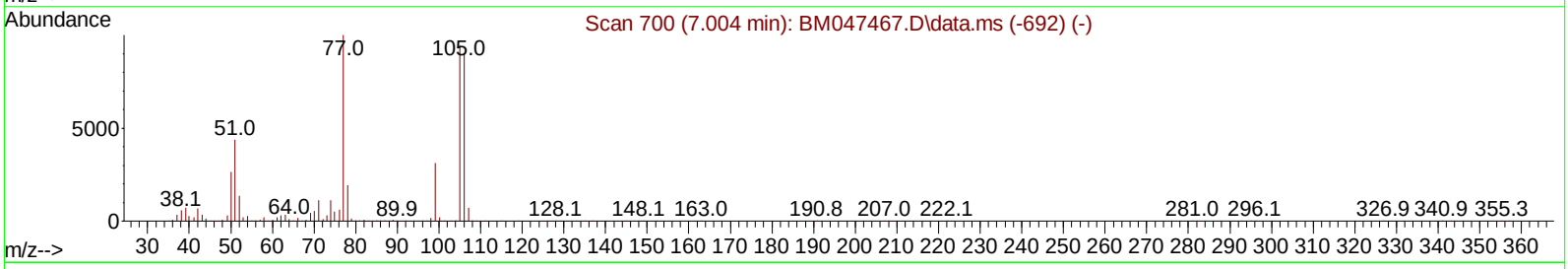

TIC: BM047471.D\data.ms

(6) Benzaldehyde

7.004min (-0.000) 22.36 ng/ul m

response 518822

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	94.50	95.29
106.00	90.10	94.49
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM047471.D
Acq On : 10 Sep 2024 22:41
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 11 00:42:23 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	467658	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	2082261	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	1291943	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	2567692	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	2384032	20.000	ng/ul	0.00
88) Perylene-d12	24.515	264	2577903	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	87141	7.515	ng/uL	0.00
4) Pyridine-d5	3.710	84	671078	18.114	ng/ul	0.00
7) Phenol-d5	7.022	99	768168	17.523	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	494533	18.124	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	622996	18.660	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	619167	17.969	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	311639	19.380	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	296576	19.523	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	582631	18.862	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	915334	18.106	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1758074	18.514	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	2112120	18.433	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	341567	18.154	ng/ul	0.00
60) Fluorene-d10	15.486	176	1494851	18.217	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	232643	17.139	ng/ul	0.00
73) Anthracene-d10	17.333	188	2308569	18.671	ng/ul	0.00
81) Pyrene-d10	19.615	212	2530854	18.215	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.303	264	2526070	18.440	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	92459	7.388	ng/uL	99
5) Pyridine	3.734	79	680728	17.796	ng/ul	99
6) Benzaldehyde	7.004	77	518822m	22.361	ng/ul	
8) Phenol	7.046	94	798368	17.691	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.293	93	647983	18.158	ng/ul	100
12) 2-Chlorophenol	7.434	128	650984	18.826	ng/ul	98
13) 2-Methylphenol	8.304	108	605384	17.821	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	948753	18.141	ng/ul	99
16) Acetophenone	8.687	105	1023980	18.467	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	551073	18.726	ng/ul	99
18) 4-Methylphenol	8.634	108	674986	18.199	ng/ul	96
19) Hexachloroethane	8.957	117	277053	18.647	ng/ul	98
22) Nitrobenzene	9.063	77	757648	18.855	ng/ul	98
23) Isophorone	9.592	82	1485709	18.541	ng/ul	99
25) 2-Nitrophenol	9.775	139	349927	19.924	ng/ul	97
26) 2,4-Dimethylphenol	9.834	107	702257	18.589	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.081	93	900980	18.581	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	594962	18.998	ng/ul	99
30) Naphthalene	10.722	128	2121152	18.490	ng/ul	100
32) 4-Chloroaniline	10.816	127	910615	18.309	ng/ul	98
33) Hexachlorobutadiene	11.016	225	348822	18.675	ng/ul	98
34) Caprolactam	11.569	113	292427	24.244	ng/ul	96
35) 4-Chloro-3-methylphenol	11.939	107	664645	18.847	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.328	142	1455929	18.463	ng/ul	99
37) 1-Methylnaphthalene	12.545	142	1472549	18.482	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.698	216	710082	18.514	ng/ul	99
40) Hexachlorocyclopentadiene	12.686	237	573107	21.734	ng/ul	100
41) 2,4,6-Trichlorophenol	12.928	196	449622	19.105	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	489318	19.129	ng/ul	100
43) 1,1'-Biphenyl	13.339	154	1880322	18.464	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	1440416	18.444	ng/ul	98
45) 2-Nitroaniline	13.569	65	436189	19.198	ng/ul	95
47) Dimethylphthalate	13.957	163	1792405	18.583	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	346629	19.694	ng/ul	99
50) Acenaphthylene	14.222	152	2300295	18.571	ng/ul	99
51) 3-Nitroaniline	14.386	138	400572	19.493	ng/ul	95
52) Acenaphthene	14.563	153	1617047	18.376	ng/ul	100
53) 2,4-Dinitrophenol	14.592	184	162635	16.792	ng/ul	91
55) 4-Nitrophenol	14.686	109	289547	18.280	ng/ul	96
56) Dibenzofuran	14.898	168	2101424	18.373	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	504391	19.900	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.116	232	381195	19.366	ng/ul	99
59) Diethylphthalate	15.321	149	1882627	18.448	ng/ul	100
61) Fluorene	15.545	166	1864473	18.678	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	867955	18.777	ng/ul	100
63) 4-Nitroaniline	15.545	138	434346	21.360	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.610	198	272574	17.765	ng/ul	96
67) N-Nitrosodiphenylamine	15.751	169	1487654	18.637	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	490628	18.469	ng/ul	97
69) Hexachlorobenzene	16.545	284	567655	18.701	ng/ul	97
70) Atrazine	16.698	200	513149	18.300	ng/ul	99
71) Pentachlorophenol	16.880	266	332756	17.420	ng/ul	98
72) Phenanthrene	17.274	178	2712235	18.516	ng/ul	99
74) Anthracene	17.368	178	2769749	18.674	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	691455	18.518	ng/uL	98
76) Pentachlorobenzene	14.822	250	688091	18.659	ng/uL	99
77) Carbazole	17.627	167	2573397	18.976	ng/ul	100
78) Di-n-butylphthalate	18.210	149	3307619	18.918	ng/ul	100
80) Fluoranthene	19.286	202	3082211	18.821	ng/ul	98
82) Pyrene	19.645	202	3314232	18.988	ng/ul	99
83) Butylbenzylphthalate	20.545	149	1454691	18.257	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.362	252	1015711	18.020	ng/ul	99
85) Benzo(a)anthracene	21.445	228	3195137	18.762	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.386	149	2224960	18.415	ng/ul	100
87) Chrysene	21.509	228	2924825	18.616	ng/ul	100
89) Di-n-octyl phthalate	22.550	149	3810361	18.502	ng/ul	100
90) Benzo(b)fluoranthene	23.550	252	3030336	18.312	ng/ul	99
91) Benzo(k)fluoranthene	23.615	252	3055777	18.801	ng/ul	99
93) Benzo(a)pyrene	24.368	252	2818173	18.538	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.962	276	3342884	17.931	ng/ul	99
95) Dibenzo(a,h)anthracene	28.032	278	2738607	18.041	ng/ul	99
96) Benzo(g,h,i)perylene	29.032	276	2503915	17.582	ng/ul	99

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

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