Quantitation Report (Qedit)

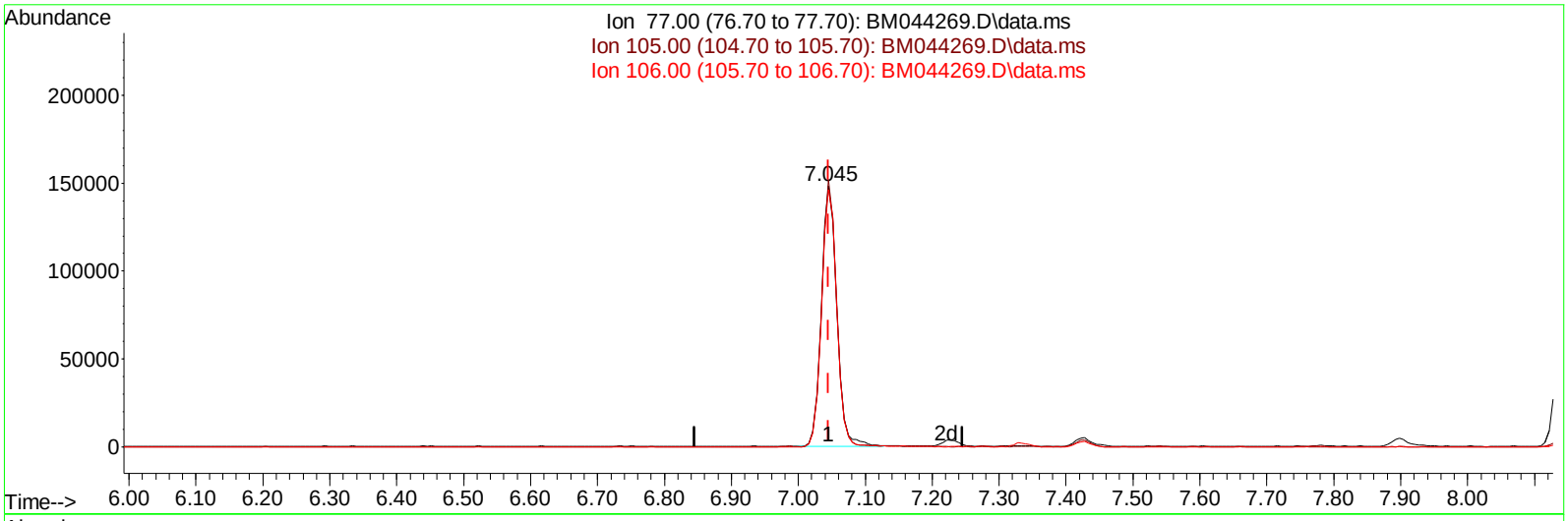
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
Data File : BM044269.D
Acq On : 23 Feb 2024 13:56
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

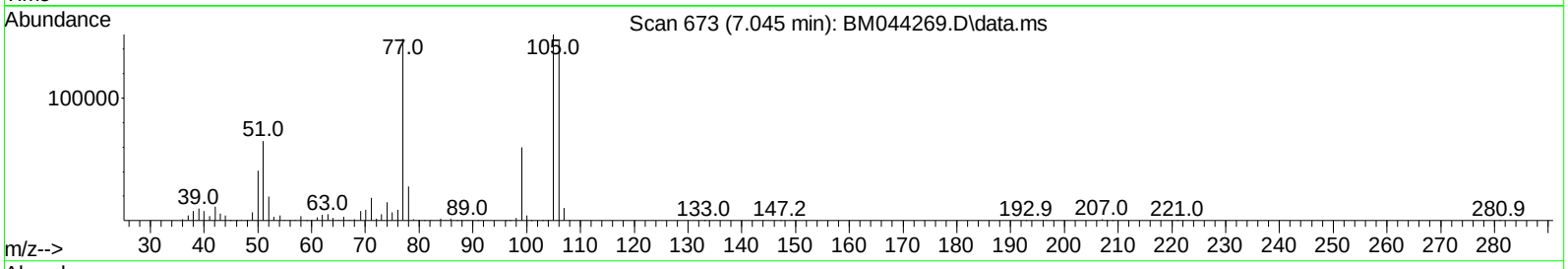
Quant Time: Feb 23 22:59:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 22:49:27 2024
Response via : Initial Calibration

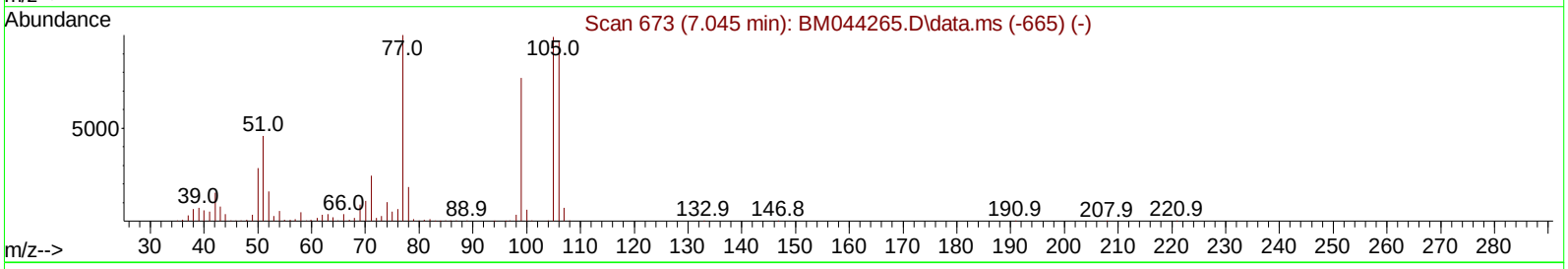
Instrument :
BNA_M
ClientSampleId :
SICV019

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/26/2024
Supervised By :mohammad ahmed 02/26/2024







TIC: BM044269.D\data.ms

(6) Benzaldehyde

7.045min (-0.000) 25.87 ng/ul

response 237469

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.80	102.33
106.00	96.80	98.62
0.00	0.00	0.00

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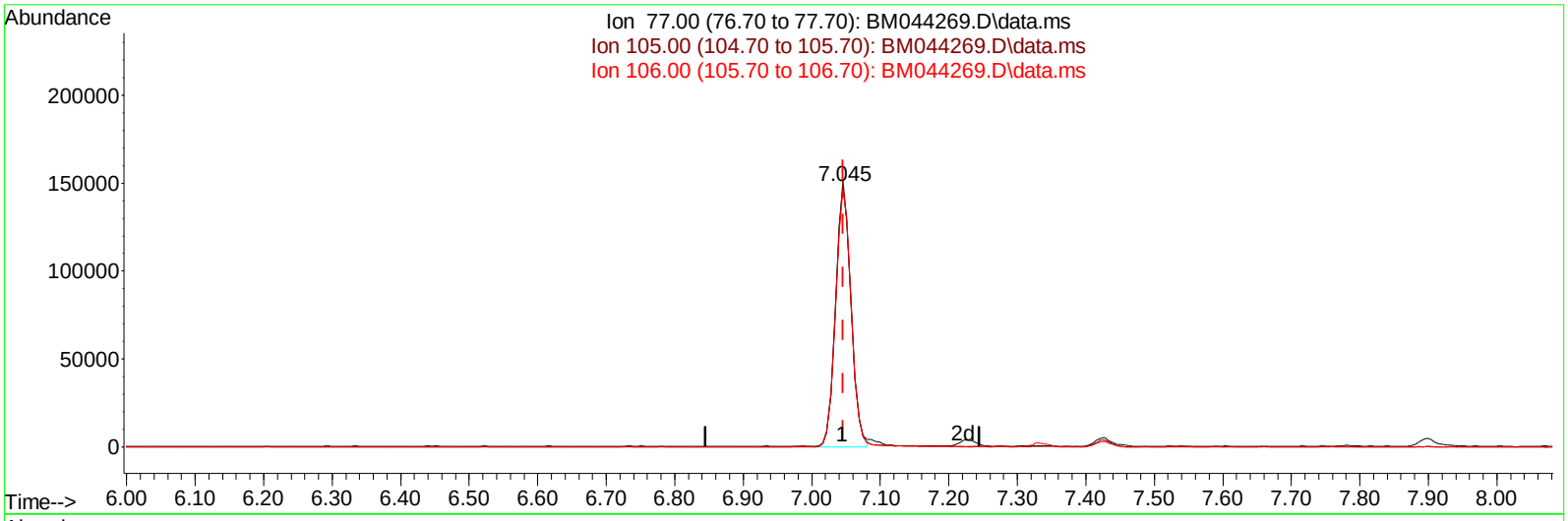

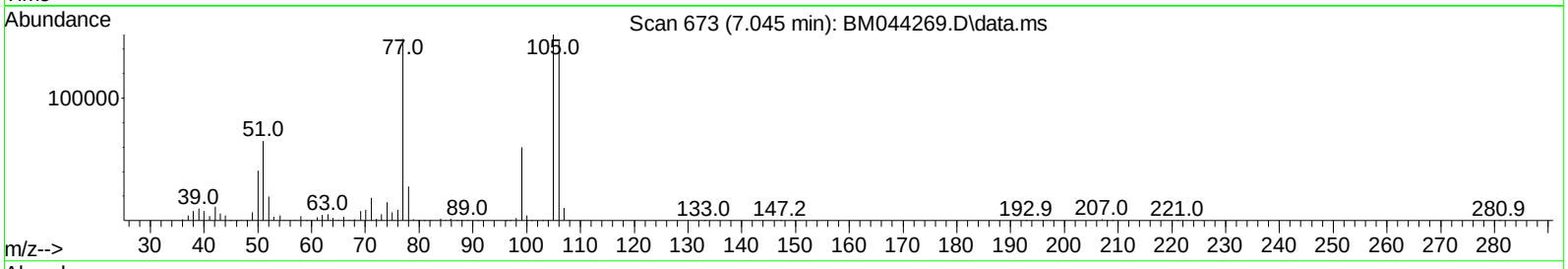

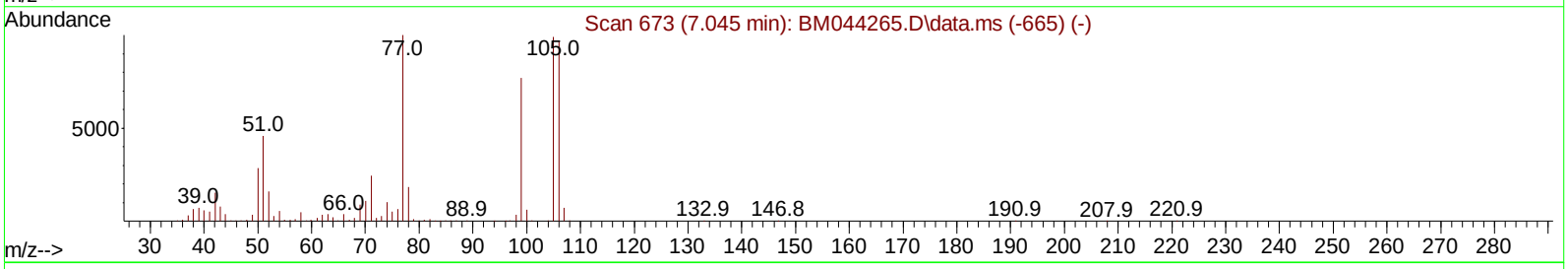

TIC: BM044269.D\data.ms

(6) Benzaldehyde

7.045min (-0.000) 25.49 ng/ul m

response 234009

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.80	102.33
106.00	96.80	98.62
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	7.898	152	220753	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	971889	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	571150	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1184756	20.000	ng/ul	0.00
79) Chrysene-d12	21.503	240	1059263	20.000	ng/ul	0.00
88) Perylene-d12	23.897	264	1217799	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	48879	6.986	ng/uL	0.00
4) Pyridine-d5	3.757	84	371692	19.452	ng/ul	0.00
7) Phenol-d5	7.063	99	408224	19.304	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.239	67	287229	20.974	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	331260	20.798	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	315495	19.717	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	160976	20.371	ng/ul	0.00
24) 2-Nitrophenol-d4	9.786	143	170030	21.090	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	292620	20.576	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	466167	19.517	ng/ul	0.00
46) Dimethylphthalate-d6	13.968	166	893726	20.289	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	1037267	20.467	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	170828	19.489	ng/ul	0.00
60) Fluorene-d10	15.539	176	749977	20.116	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.662	200	139790	19.016	ng/ul	0.00
73) Anthracene-d10	17.398	188	1122463	19.870	ng/ul	0.00
81) Pyrene-d10	19.697	212	1268667	19.908	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	1240732	19.883	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	51563	6.992	ng/uL	97
5) Pyridine	3.775	79	323375	16.177	ng/ul	97
6) Benzaldehyde	7.045	77	234009m	25.492	ng/ul	
8) Phenol	7.087	94	393213	17.888	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.334	93	325479	17.690	ng/ul	99
12) 2-Chlorophenol	7.457	128	312319	18.954	ng/ul	97
13) 2-Methylphenol	8.345	108	287604	17.759	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.439	45	414769	16.488	ng/ul	98
16) Acetophenone	8.728	105	498215	19.489	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.716	70	244167	19.066	ng/ul	99
18) 4-Methylphenol	8.675	108	314024	18.203	ng/ul	99
19) Hexachloroethane	8.969	117	126125	18.043	ng/ul	95
22) Nitrobenzene	9.110	77	340998	17.843	ng/ul	99
23) Isophorone	9.633	82	668136	18.039	ng/ul	100
25) 2-Nitrophenol	9.816	139	171029	19.127	ng/ul	96
26) 2,4-Dimethylphenol	9.880	107	252010	14.760	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.128	93	425267	17.662	ng/ul	98
29) 2,4-Dichlorophenol	10.345	162	272638	18.942	ng/ul	100
30) Naphthalene	10.751	128	982050	17.767	ng/ul	99
32) 4-Chloroaniline	10.869	127	418449	17.978	ng/ul	99
33) Hexachlorobutadiene	11.022	225	155583	17.942	ng/ul	98
34) Caprolactam	11.651	113	91719	18.435	ng/ul	92
35) 4-Chloro-3-methylphenol	11.992	107	293971	19.171	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.363	142	641062	18.208	ng/ul	99
37) 1-Methylnaphthalene	12.580	142	629290	18.081	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.727	216	313712	18.554	ng/ul	98
40) Hexachlorocyclopentadiene	12.698	237	161650	14.210	ng/ul	99
41) 2,4,6-Trichlorophenol	12.974	196	199902	18.549	ng/ul	99
42) 2,4,5-Trichlorophenol	13.039	196	218181	18.727	ng/ul	100
43) 1,1'-Biphenyl	13.380	154	849833	18.277	ng/ul	99
44) 2-Chloronaphthalene	13.421	162	646227	17.749	ng/ul	99
45) 2-Nitroaniline	13.633	65	188462	18.696	ng/ul	94
47) Dimethylphthalate	14.015	163	803893	17.856	ng/ul	99
48) 2,6-Dinitrotoluene	14.133	165	167293	19.870	ng/ul	99
50) Acenaphthylene	14.268	152	1086584	18.101	ng/ul	100
51) 3-Nitroaniline	14.463	138	191285	21.536	ng/ul	97
52) Acenaphthene	14.610	153	687554	17.349	ng/ul	99
53) 2,4-Dinitrophenol	14.668	184	88490	16.938	ng/ul	94
55) 4-Nitrophenol	14.762	109	105288	17.485	ng/ul	95
56) Dibenzofuran	14.945	168	980597	18.432	ng/ul	100
57) 2,4-Dinitrotoluene	14.921	165	230079	19.022	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.168	232	187212	19.967	ng/ul	99
59) Diethylphthalate	15.380	149	825343	17.810	ng/ul	100
61) Fluorene	15.592	166	772724	18.084	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.598	204	362111	17.982	ng/ul	98
63) 4-Nitroaniline	15.627	138	203803	23.723	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.674	198	129222	16.069	ng/ul	96
67) N-Nitrosodiphenylamine	15.809	169	668838	18.629	ng/ul	99
68) 4-Bromophenyl-phenylether	16.492	248	214542	18.226	ng/ul	97
69) Hexachlorobenzene	16.592	284	242964	18.033	ng/ul	97
70) Atrazine	16.774	200	211210	17.958	ng/ul	99
71) Pentachlorophenol	16.939	266	144706	16.298	ng/ul	98
72) Phenanthrene	17.339	178	1193595	17.562	ng/ul	100
74) Anthracene	17.433	178	1204445	17.601	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.333	216	293989	17.727	ng/uL	99
76) Pentachlorobenzene	14.857	250	289527	18.287	ng/uL	99
77) Carbazole	17.709	167	1154517	17.943	ng/ul	99
78) Di-n-butylphthalate	18.286	149	1491196	18.304	ng/ul	99
80) Fluoranthene	19.362	202	1326784	17.360	ng/ul	98
82) Pyrene	19.727	202	1412196	17.619	ng/ul	99
83) Butylbenzylphthalate	20.644	149	653474	18.151	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.427	252	494342	20.864	ng/ul	99
85) Benzo(a)anthracene	21.486	228	1393585	17.640	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	1049337	19.038	ng/ul	99
87) Chrysene	21.539	228	1282376	17.269	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	1771197	16.975	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	1374220	17.602	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	1360343	16.965	ng/ul	99
93) Benzo(a)pyrene	23.791	252	1239569	16.468	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.379	276	1623198	17.832	ng/ul	98
95) Dibenzo(a,h)anthracene	26.415	278	1362209	17.908	ng/ul	99
96) Benzo(g,h,i)perylene	27.144	276	1293546	17.568	ng/ul	99

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

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