Quantitation Report (Qedit)

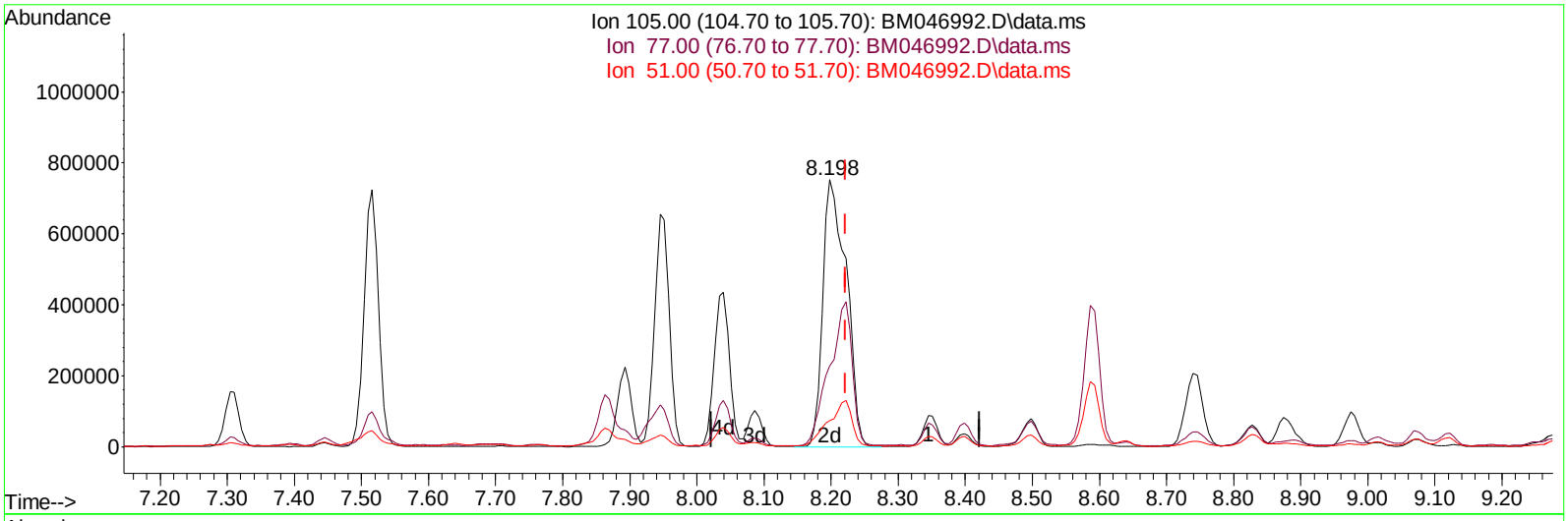
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
Data File : BM046992.D
Acq On : 05 Aug 2024 14:21
Operator : RC/JU
Sample : P3171-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

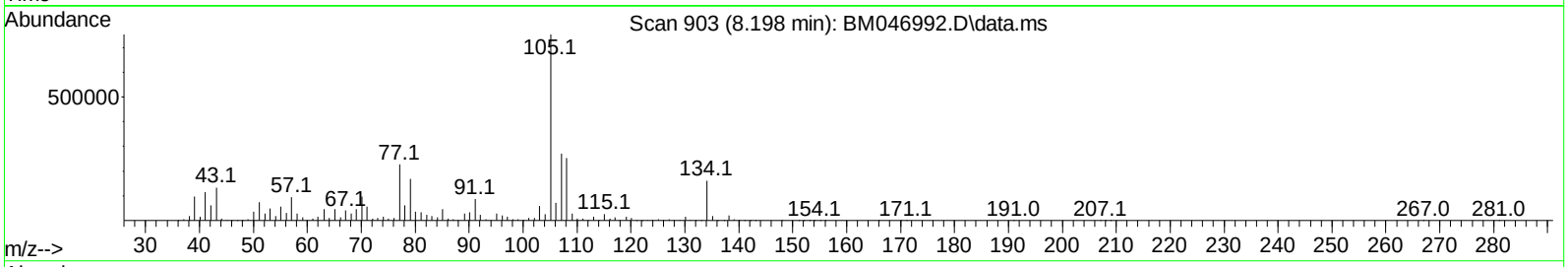
Quant Time: Aug 05 15:23:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:51:11 2024
Response via : Initial Calibration

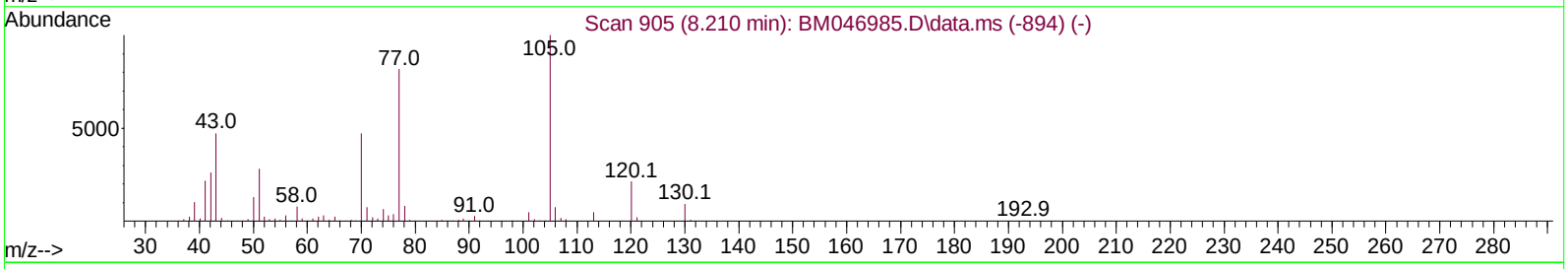
Instrument :
BNA_M
ClientSampleId :
DCVW9MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024







TIC: BM046992.D\data.ms

(16) Acetophenone

8.198min (-0.023) 122.87 ng/ul m

response 1820331

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	82.60	30.30#
51.00	28.70	9.72#
0.00	0.00	0.00

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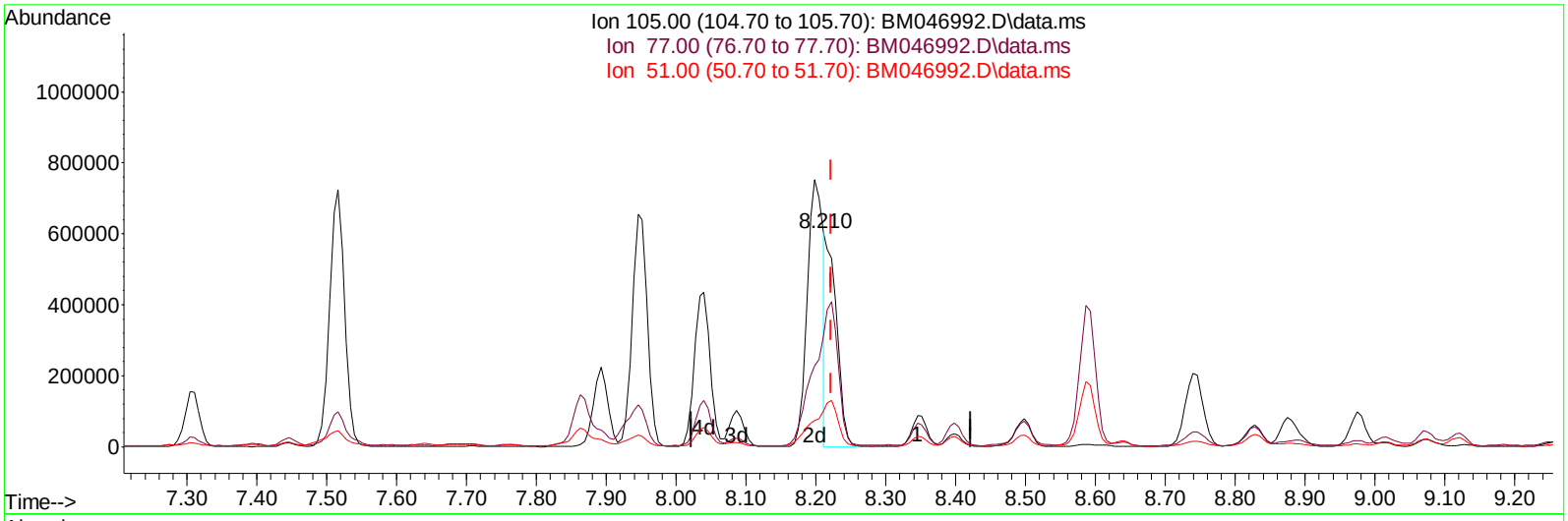

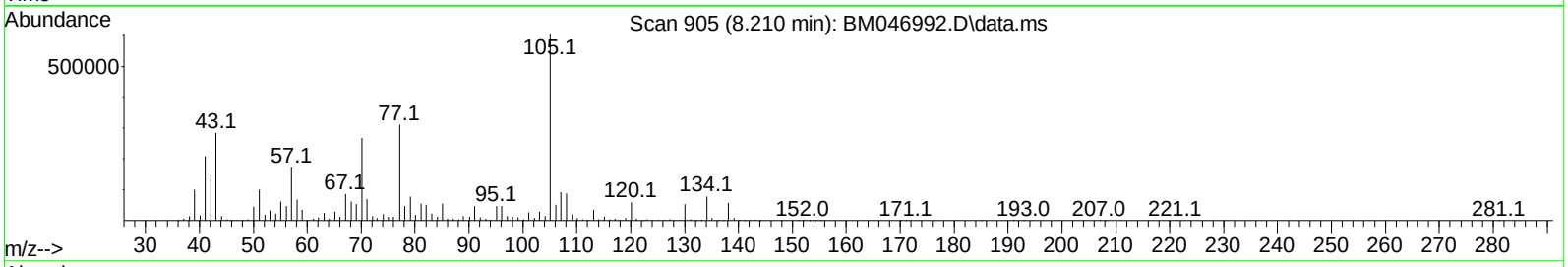

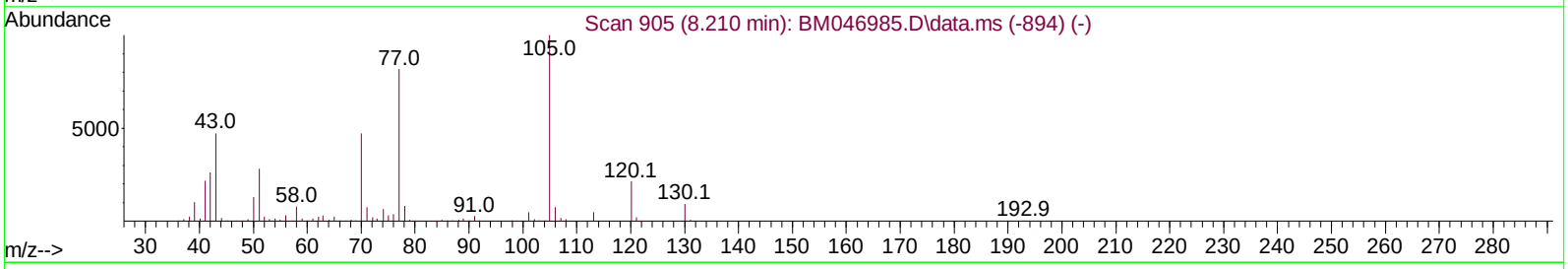

TIC: BM046992.D\data.ms

(16) Acetophenone

8.210min (-0.012) 44.30 ng/ul m

response 656270

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	82.60	51.52#
51.00	28.70	16.74#
0.00	0.00	0.00

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	156411	20.000	ng/ul	0.00
20) Naphthalene-d8	10.163	136	580980	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.063	164	371639	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.833	188	735389	20.000	ng/ul	0.01
79) Chrysene-d12	21.056	240	663634	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	778047	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	28390	7.191	ng/uL	0.00
4) Pyridine-d5	3.410	84	432210	40.135	ng/ul	0.00
7) Phenol-d5	6.616	99	568657	47.860	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.757	67	380964	48.730	ng/ul	0.00
11) 2-Chlorophenol-d4	6.946	132	469405	46.638	ng/ul	0.00
15) 4-Methylphenol-d8	8.128	113	446237	47.409	ng/ul	0.00
21) Nitrobenzene-d5	8.545	128	228672	49.050	ng/ul	0.00
24) 2-Nitrophenol-d4	9.263	143	255276	50.141	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.804	165	495741	50.716	ng/ul	0.00
31) 4-Chloroaniline-d4	10.316	131	567605	44.183	ng/ul	0.00
46) Dimethylphthalate-d6	13.492	166	1300173	45.755	ng/ul	0.00
49) Acenaphthylene-d8	13.745	160	1508620	47.562	ng/ul	0.00
54) 4-Nitrophenol-d4	14.310	143	264887	48.212	ng/ul	0.01
60) Fluorene-d10	15.069	176	1089380	44.816	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.210	200	237701	51.161	ng/ul	0.00
73) Anthracene-d10	16.927	188	1624415	46.596	ng/ul	0.01
81) Pyrene-d10	19.233	212	1848769	48.665	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.586	264	1931421	47.143	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	77261	17.587	ng/uL	94
5) Pyridine	3.428	79	550464	51.631	ng/ul	92
6) Benzaldehyde	6.563	77	483317	70.819	ng/ul#	31
8) Phenol	6.640	94	721023	60.257	ng/ul	90
10) Bis(2-Chloroethyl)ether	6.851	93	519048	50.892	ng/ul	98
12) 2-Chlorophenol	6.981	128	550105	53.950	ng/ul	97
13) 2-Methylphenol	7.863	108	487165	53.445	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	7.928	45	613817	50.224	ng/ul#	90
16) Acetophenone	8.210	105	656270m	44.298	ng/ul	
17) N-Nitroso-di-n-propyla...	8.216	70	421043	53.894	ng/ul	99
18) 4-Methylphenol	8.193	108	513053	52.094	ng/ul	96
19) Hexachloroethane	8.457	117	251711	50.677	ng/ul	88
22) Nitrobenzene	8.587	77	625342	50.206	ng/ul	96
23) Isophorone	9.122	82	1444468	67.776	ng/ul	98
25) 2-Nitrophenol	9.292	139	309463	55.565	ng/ul	96
26) 2,4-Dimethylphenol	9.375	107	575654	52.438	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.604	93	678150	51.616	ng/ul	98
29) 2,4-Dichlorophenol	9.828	162	574866	58.966	ng/ul	97
30) Naphthalene	10.210	128	2309681	75.086	ng/ul	99
32) 4-Chloroaniline	10.339	127	479524	38.438	ng/ul	100
33) Hexachlorobutadiene	10.498	225	360560	51.263	ng/ul	97
34) Caprolactam	11.104	113	15211	5.152	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.492	107	524752	52.200	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.839	142	2139021	99.588	ng/ul	100
37) 1-Methylnaphthalene	12.063	142	1736246	79.852	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.216	216	655737	56.261	ng/ul	99
40) Hexachlorocyclopentadiene	12.198	237	371517	48.389	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.480	196	458909	60.154	ng/ul	96
42) 2,4,5-Trichlorophenol	12.557	196	489791	59.463	ng/ul	99
43) 1,1'-Biphenyl	12.880	154	1615174	58.093	ng/ul	98
44) 2-Chloronaphthalene	12.916	162	1160265	52.550	ng/ul	99
45) 2-Nitroaniline	13.139	65	351404	52.373	ng/ul	97
47) Dimethylphthalate	13.539	163	1415662	49.648	ng/ul	99
48) 2,6-Dinitrotoluene	13.651	165	303541	54.761	ng/ul	86
50) Acenaphthylene	13.775	152	1802640	53.812	ng/ul	97
51) 3-Nitroaniline	13.980	138	250130	44.309	ng/ul	97
52) Acenaphthene	14.127	153	1248842	51.711	ng/ul	98
53) 2,4-Dinitrophenol	14.198	184	250055	63.935	ng/ul	92
55) 4-Nitrophenol	14.327	109	253010	45.500	ng/ul	95
56) Dibenzofuran	14.469	168	1719230	50.724	ng/ul	96
57) 2,4-Dinitrotoluene	14.451	165	445623	52.608	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	14.716	232	3420874	467.179	ng/ul#	83
59) Diethylphthalate	14.927	149	1405995	45.837	ng/ul	97
61) Fluorene	15.121	166	1442323	51.593	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.127	204	692687	50.332	ng/ul	93
63) 4-Nitroaniline	15.157	138	178322	31.965	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.221	198	312862	61.540	ng/ul	97
67) N-Nitrosodiphenylamine	15.345	169	1290501	59.205	ng/ul	95
68) 4-Bromophenyl-phenylether	16.021	248	437006	54.902	ng/ul	96
69) Hexachlorobenzene	16.127	284	494495	52.759	ng/ul	98
70) Atrazine	16.357	200	371062	43.388	ng/ul	100
71) Pentachlorophenol	16.521	266	28430451	4480.322	ng/ul	97
72) Phenanthrene	16.874	178	2368503	57.456	ng/ul	99
74) Anthracene	16.963	178	2149944	51.716	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.839	216	624914	59.061	ng/uL	96
76) Pentachlorobenzene	14.386	250	584767	53.393	ng/uL	99
77) Carbazole	17.239	167	1944897	50.464	ng/ul	99
78) Di-n-butylphthalate	17.821	149	2516508	51.348	ng/ul	98
80) Fluoranthene	18.898	202	2473042	54.471	ng/ul	98
82) Pyrene	19.262	202	2610944	53.971	ng/ul	99
83) Butylbenzylphthalate	20.198	149	1162644	54.987	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.980	252	501933	30.852	ng/ul	97
85) Benzo(a)anthracene	21.039	228	2479687	51.161	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	1751226	56.733	ng/ul	97
87) Chrysene	21.098	228	2313366	50.045	ng/ul	100
89) Di-n-octyl phthalate	22.039	149	3002872	54.708	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	2503296	52.014	ng/ul	99
91) Benzo(k)fluoranthene	22.980	252	2447360	51.458	ng/ul	98
93) Benzo(a)pyrene	23.644	252	2235373	49.856	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.785	276	3077458	53.571	ng/ul	99
95) Dibenzo(a,h)anthracene	26.838	278	2471081	53.553	ng/ul	99
96) Benzo(g,h,i)perylene	27.727	276	2416637	53.244	ng/ul	98

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

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