Quantitation Report (Qedit)

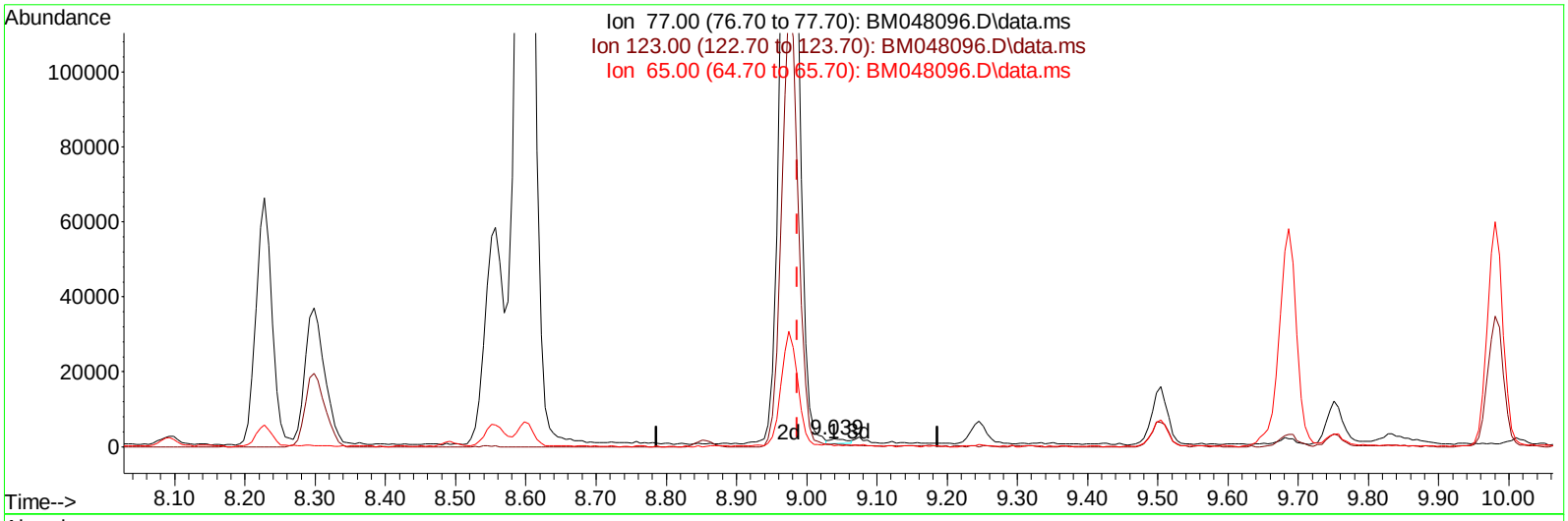
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048096.D
Acq On : 16 Oct 2024 20:29
Operator : RC/JU
Sample : P4329-19MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

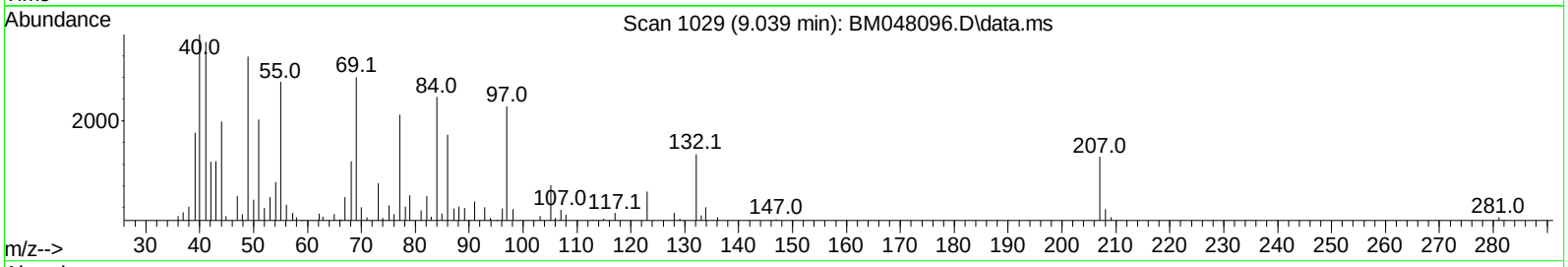
Quant Time: Oct 16 23:04:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

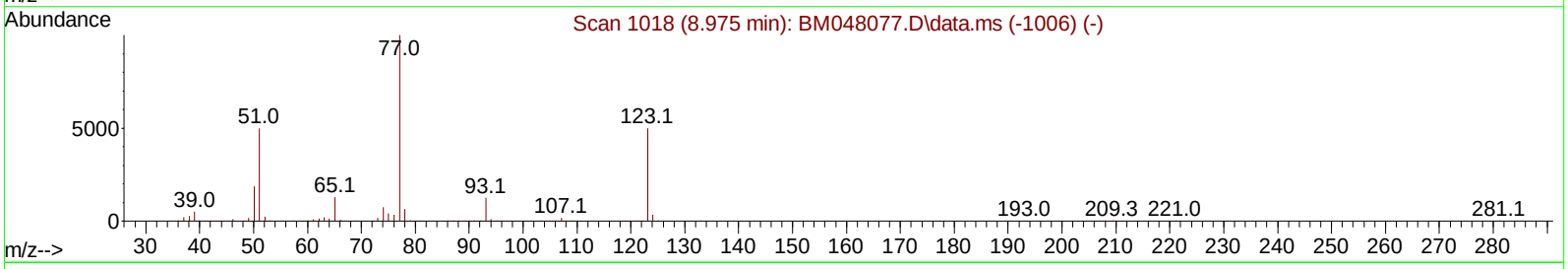
Instrument :
BNA_M
ClientSampleId :
A4FB7MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BM048096.D\data.ms

(22) Nitrobenzene

9.039min (+ 0.053) 0.07 ng/ul

response 2104

Ion	Exp%	Act%
77.00	100.00	100.00
123.00	39.60	32.70
65.00	13.90	13.36
0.00	0.00	0.00

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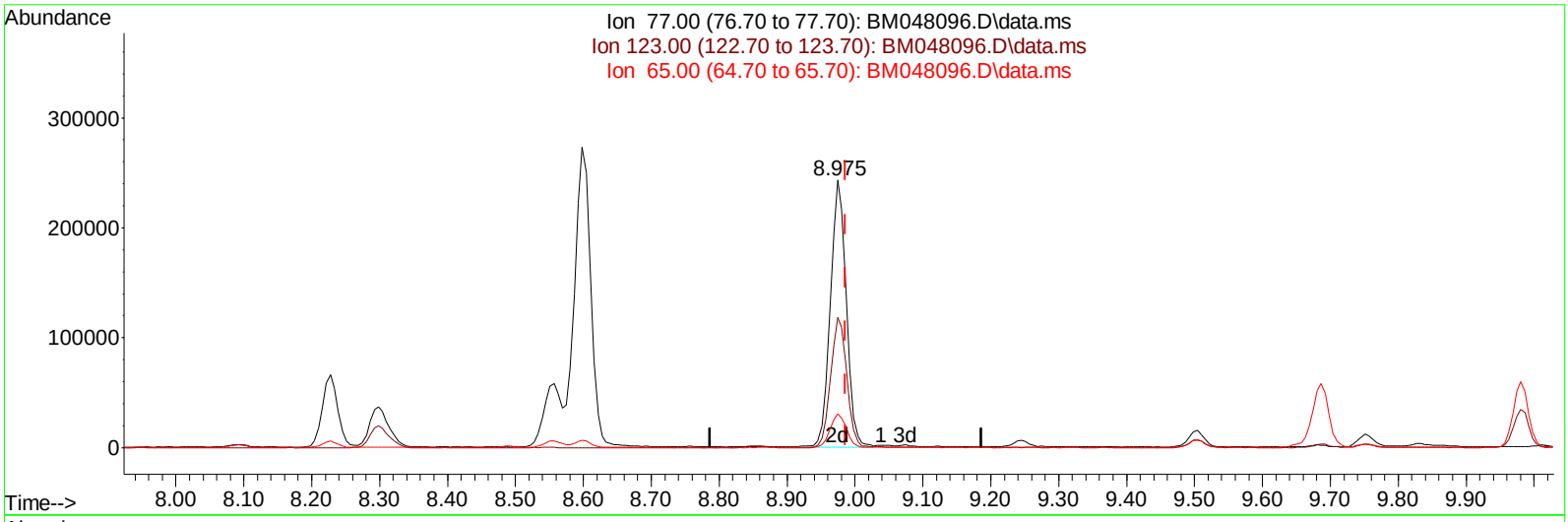

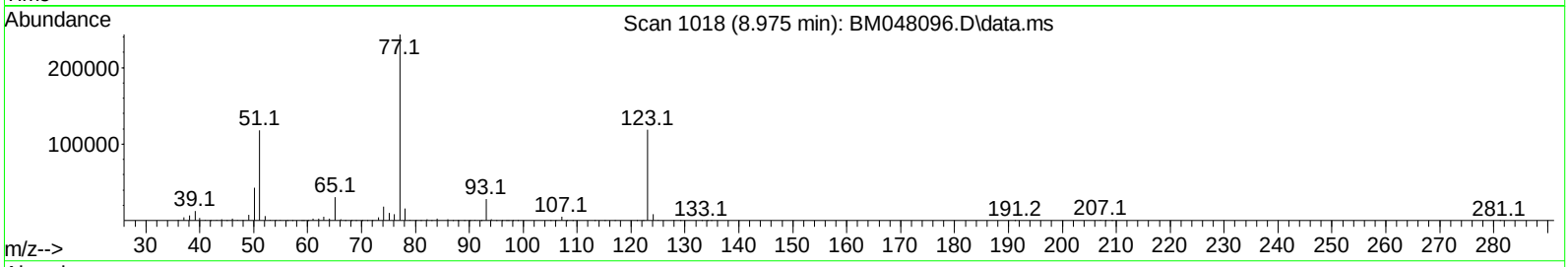

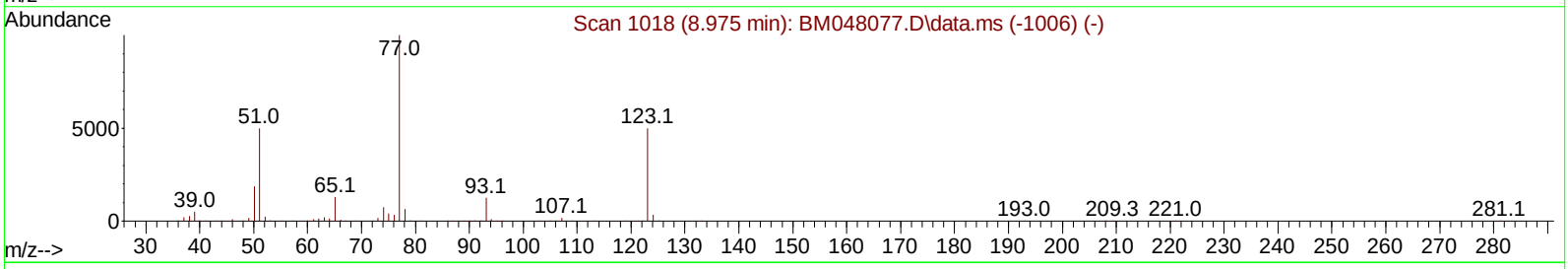

TIC: BM048096.D\data.ms

(22) Nitrobenzene

8.975min (-0.012) 13.53 ng/ul m

response 395255

Ion	Exp%	Act%
77.00	100.00	100.00
123.00	39.60	48.75#
65.00	13.90	12.63
0.00	0.00	0.00

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Misc :
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	308226	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	1291868	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.415	164	803834	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.156	188	1557086	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1313973	20.000	ng/ul	0.00
88) Perylene-d12	24.380	264	1498216	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	19932	2.090	ng/uL	0.00
4) Pyridine-d5	3.663	84	54498	1.951	ng/ul	0.00
7) Phenol-d5	6.957	99	358909	12.314	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	219981	10.636	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	319666	15.075	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	231842	10.699	ng/ul	0.00
21) Nitrobenzene-d5	8.933	128	155239	15.092	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	172615	17.512	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	307918	15.638	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	268028	8.805	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	883334	15.157	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1000157	14.474	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	138350	11.923	ng/ul	0.01
60) Fluorene-d10	15.410	176	766402	15.182	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	78034	8.564	ng/ul	0.00
73) Anthracene-d10	17.256	188	1152350	15.051	ng/ul	0.00
81) Pyrene-d10	19.545	212	940826	12.616	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.174	264	561671	7.226	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	48160	4.623	ng/uL#	84
5) Pyridine	3.687	79	34090	1.160	ng/ul#	86
6) Benzaldehyde	6.922	77	218687	13.797	ng/ul	85
8) Phenol	6.981	94	464116	14.966	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.198	93	358716	14.516	ng/ul	87
12) 2-Chlorophenol	7.345	128	378701	16.857	ng/ul	91
13) 2-Methylphenol	8.228	108	282872	13.081	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.298	45	507151	10.902	ng/ul#	94
16) Acetophenone	8.598	105	609811	16.446	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.581	70	268026	13.648	ng/ul#	83
18) 4-Methylphenol	8.557	108	324060	13.335	ng/ul	97
19) Hexachloroethane	8.857	117	86152	8.532	ng/ul#	81
22) Nitrobenzene	8.975	77	395255m	13.527	ng/ul	
23) Isophorone	9.504	82	758815	14.518	ng/ul#	93
25) 2-Nitrophenol	9.686	139	214923	19.059	ng/ul#	83
26) 2,4-Dimethylphenol	9.751	107	65091	2.694	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.980	93	467023	14.609	ng/ul	98
29) 2,4-Dichlorophenol	10.227	162	354680	17.444	ng/ul	97
30) Naphthalene	10.622	128	1197384	16.114	ng/ul	99
32) 4-Chloroaniline	10.733	127	288095	9.611	ng/ul	99
33) Hexachlorobutadiene	10.904	225	231652	17.244	ng/ul	97
34) Caprolactam	11.510	113	117110	18.010	ng/ul#	63
35) 4-Chloro-3-methylphenol	11.869	107	316158	15.021	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.233	142	810625	17.169	ng/ul	97
37) 1-Methylnaphthalene	12.451	142	807415	16.808	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	398072	15.213	ng/ul#	96
40) Hexachlorocyclopentadiene	12.586	237	81065	5.122	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	279022	18.429	ng/ul	100
42) 2,4,5-Trichlorophenol	12.927	196	304381	18.385	ng/ul	96
43) 1,1'-Biphenyl	13.251	154	1043029	16.206	ng/ul#	97
44) 2-Chloronaphthalene	13.292	162	818674	16.447	ng/ul	96
45) 2-Nitroaniline	13.498	65	223768	14.161	ng/ul#	70
47) Dimethylphthalate	13.874	163	1018283	17.253	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	210621	20.320	ng/ul#	79
50) Acenaphthylene	14.139	152	1266452	16.252	ng/ul	99
51) 3-Nitroaniline	14.321	138	197345	15.731	ng/ul	88
52) Acenaphthene	14.480	153	887582	16.113	ng/ul	96
53) 2,4-Dinitrophenol	14.533	184	57837	9.030	ng/ul#	72
55) 4-Nitrophenol	14.645	109	129402	13.283	ng/ul	84
56) Dibenzofuran	14.815	168	1251437	16.877	ng/ul	96
57) 2,4-Dinitrotoluene	14.786	165	306707	19.701	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.045	232	252734	19.366	ng/ul#	96
59) Diethylphthalate	15.233	149	1045077	17.697	ng/ul	99
61) Fluorene	15.462	166	1002970	16.213	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	496636	16.990	ng/ul	92
63) 4-Nitroaniline	15.486	138	208445	17.108	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.551	198	109111	10.807	ng/ul#	86
67) N-Nitrosodiphenylamine	15.668	169	842471	17.363	ng/ul	98
68) 4-Bromophenyl-phenylether	16.351	248	311655	19.417	ng/ul	95
69) Hexachlorobenzene	16.468	284	211977	11.349	ng/ul	92
70) Atrazine	16.621	200	218324	13.517	ng/ul	98
71) Pentachlorophenol	16.815	266	196007	16.503	ng/ul	99
72) Phenanthrene	17.198	178	1592284	17.438	ng/ul	99
74) Anthracene	17.292	178	1554982	16.696	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	362902	14.076	ng/uL	99
76) Pentachlorobenzene	14.739	250	332153	13.199	ng/uL	99
77) Carbazole	17.562	167	1048812	12.424	ng/ul	99
78) Di-n-butylphthalate	18.121	149	1950443	20.753	ng/ul#	98
80) Fluoranthene	19.215	202	1902858	21.665	ng/ul	98
82) Pyrene	19.574	202	1213113	12.410	ng/ul	97
83) Butylbenzylphthalate	20.468	149	874139	25.294	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.291	252	384481	13.848	ng/ul	99
85) Benzo(a)anthracene	21.368	228	1830740	19.899	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1266114	24.401	ng/ul#	97
87) Chrysene	21.433	228	1703294	18.991	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	2192235	22.685	ng/ul	100
90) Benzo(b)fluoranthene	23.438	252	1794547	19.207	ng/ul	98
91) Benzo(k)fluoranthene	23.497	252	1723966	18.045	ng/ul	98
93) Benzo(a)pyrene	24.238	252	542002	6.108	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.762	276	1185441	10.425	ng/ul	98
95) Dibenzo(a,h)anthracene	27.815	278	1703419	18.279	ng/ul	99
96) Benzo(g,h,i)perylene	28.809	276	98931	1.110	ng/ul	96

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

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