Quantitation Report (Qedit)

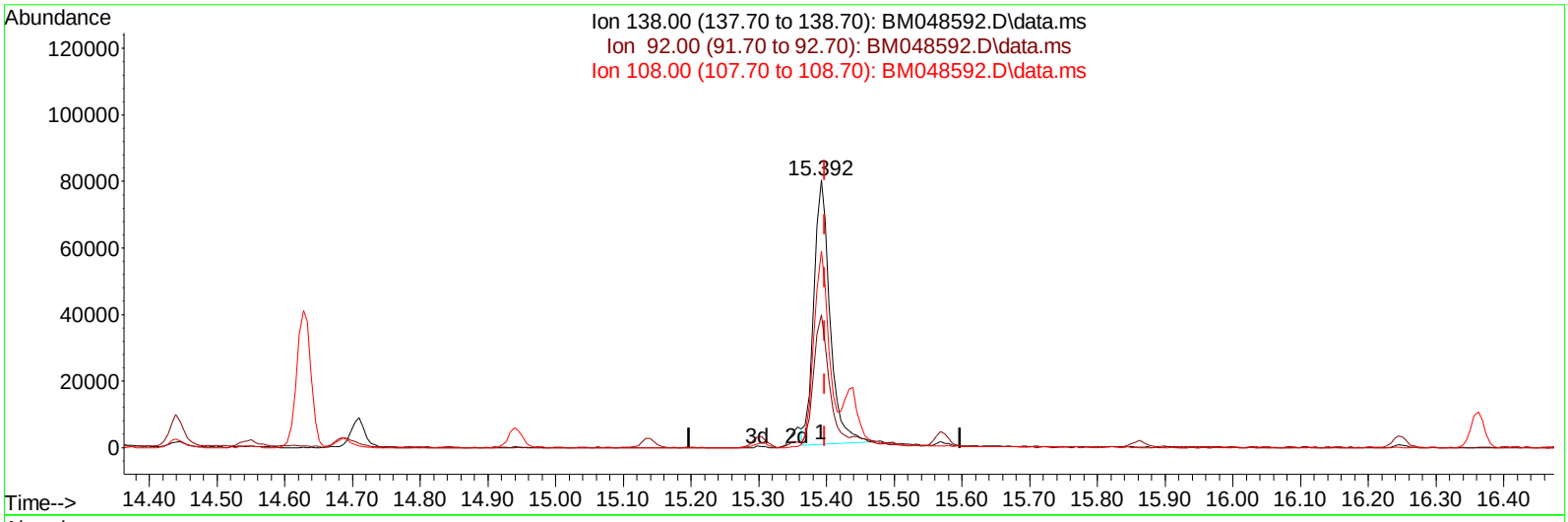
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111124\
Data File : BM048592.D
Acq On : 11 Nov 2024 19:42
Operator : RC/JU
Sample : PB164746BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

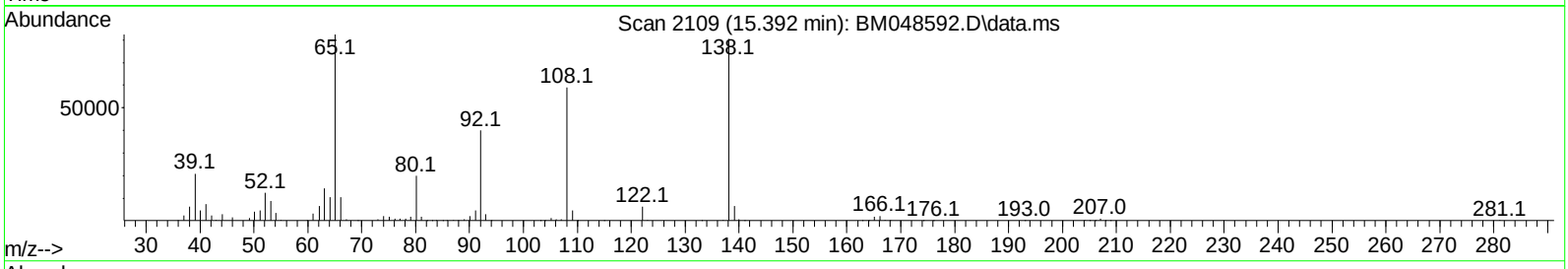
Quant Time: Nov 11 22:54:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:50:20 2024
Response via : Initial Calibration

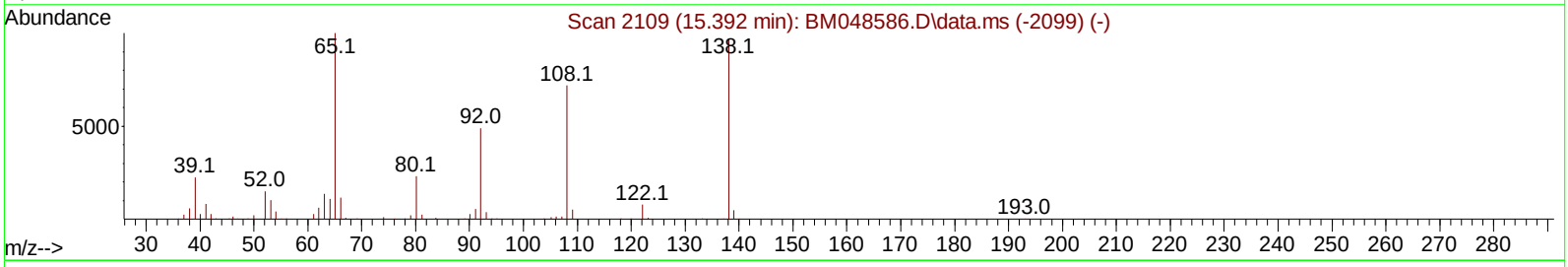
Instrument :
BNA_M
ClientSampleId :
SLCS746

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024







TIC: BM048592.D\data.ms

(63) 4-Nitroaniline

15.392min (-0.006) 31.28 ng/ul

response 132293

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.60	49.65
108.00	73.10	73.42
0.00	0.00	0.00

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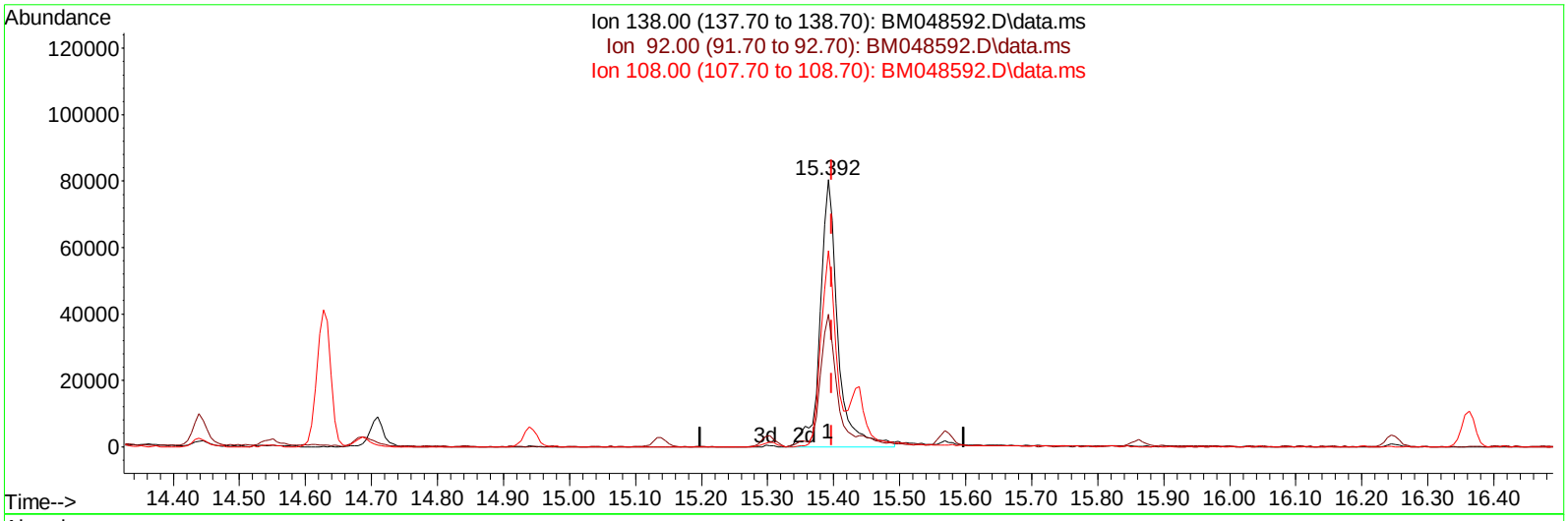

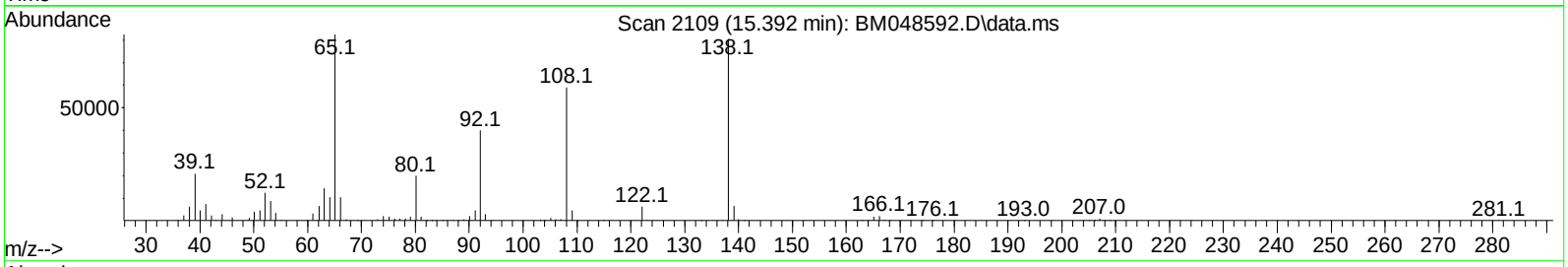

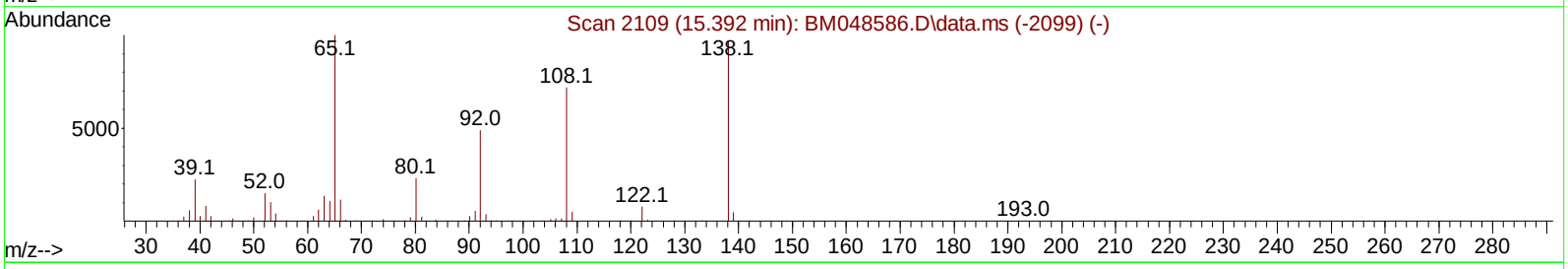

TIC: BM048592.D\data.ms

(63) 4-Nitroaniline

15.392min (-0.006) 35.27 ng/ul m

response 149185

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.60	49.65
108.00	73.10	73.42
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	7.657	152	128278	20.000	ng/ul	0.00
20) Naphthalene-d8	10.445	136	525701	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	323581	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.056	188	676840	20.000	ng/ul	0.00
79) Chrysene-d12	21.280	240	674008	20.000	ng/ul	0.00
88) Perylene-d12	24.191	264	766194	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	18924	5.881	ng/uL	0.00
4) Pyridine-d5	3.540	84	263609	29.726	ng/ul	0.00
7) Phenol-d5	6.839	99	309860	31.731	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	175308	29.889	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.192	132	264410	32.688	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113	244265	31.813	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	119658	31.404	ng/ul	0.00
24) 2-Nitrophenol-d4	9.533	143	128922	31.811	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	243770	32.378	ng/ul	0.00
31) 4-Chloroaniline-d4	10.592	131	305631	28.580	ng/ul	0.00
46) Dimethylphthalate-d6	13.721	166	645177	31.235	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	770864	31.653	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	120320	31.362	ng/ul	0.00
60) Fluorene-d10	15.304	176	569720	31.597	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	100685	29.571	ng/ul	0.00
73) Anthracene-d10	17.151	188	908680	31.725	ng/ul	0.00
81) Pyrene-d10	19.450	212	1083265	32.025	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.991	264	1155455	32.276	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.157	88	39007	11.046	ng/uL	97
5) Pyridine	3.557	79	269723	29.630	ng/ul	97
6) Benzaldehyde	6.810	77	19199	3.979	ng/ul	97
8) Phenol	6.869	94	325686	31.788	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.086	93	240163	29.828	ng/ul	99
12) 2-Chlorophenol	7.228	128	269274	32.133	ng/ul	98
13) 2-Methylphenol	8.110	108	235902	31.104	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.181	45	346664	29.278	ng/ul	99
16) Acetophenone	8.480	105	361704	30.221	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.469	70	176754	31.424	ng/ul	98
18) 4-Methylphenol	8.439	108	261114	31.443	ng/ul	99
19) Hexachloroethane	8.728	117	105579	29.813	ng/ul	98
22) Nitrobenzene	8.857	77	264788	30.649	ng/ul	95
23) Isophorone	9.386	82	483269	30.242	ng/ul	99
25) 2-Nitrophenol	9.569	139	142039	32.160	ng/ul	98
26) 2,4-Dimethylphenol	9.633	107	239089	28.981	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.863	93	307104	30.788	ng/ul	100
29) 2,4-Dichlorophenol	10.104	162	242085	31.699	ng/ul	95
30) Naphthalene	10.492	128	805611	30.277	ng/ul	99
32) 4-Chloroaniline	10.616	127	186938	18.539	ng/ul	97
33) Hexachlorobutadiene	10.780	225	154551	29.905	ng/ul	97
34) Caprolactam	11.392	113	74295	30.867	ng/ul	90
35) 4-Chloro-3-methylphenol	11.751	107	240643	32.564	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.116	142	523658	30.758	ng/ul	98
37) 1-Methylnaphthalene	12.333	142	516422	29.557	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.492	216	278852	30.073	ng/ul	98
40) Hexachlorocyclopentadiene	12.463	237	111649	23.557	ng/ul	97
41) 2,4,6-Trichlorophenol	12.739	196	185820	31.726	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	203675	32.654	ng/ul	98
43) 1,1'-Biphenyl	13.139	154	669238	30.248	ng/ul	99
44) 2-Chloronaphthalene	13.174	162	534844	30.634	ng/ul	100
45) 2-Nitroaniline	13.392	65	143335	32.692	ng/ul	98
47) Dimethylphthalate	13.768	163	636480	30.675	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	129209	32.666	ng/ul	97
50) Acenaphthylene	14.027	152	831649	30.981	ng/ul	99
51) 3-Nitroaniline	14.227	138	136817	31.851	ng/ul	95
52) Acenaphthene	14.368	153	578232	30.597	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	59590	28.019	ng/ul	93
55) 4-Nitrophenol	14.545	109	87551	31.566	ng/ul	99
56) Dibenzofuran	14.710	168	807752	30.983	ng/ul	100
57) 2,4-Dinitrotoluene	14.686	165	194603	33.846	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.945	232	168568	32.489	ng/ul	97
59) Diethylphthalate	15.139	149	638712	31.244	ng/ul	100
61) Fluorene	15.357	166	644303	31.215	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.357	204	313303	30.810	ng/ul	98
63) 4-Nitroaniline	15.392	138	149185m	35.270	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.451	198	106977	28.871	ng/ul#	98
67) N-Nitrosodiphenylamine	15.568	169	537844	30.150	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	194732	30.507	ng/ul	98
69) Hexachlorobenzene	16.362	284	232686	30.204	ng/ul	97
70) Atrazine	16.527	200	186222	28.683	ng/ul	98
71) Pentachlorophenol	16.709	266	156975	32.060	ng/ul	98
72) Phenanthrene	17.098	178	1027339	30.605	ng/ul	99
74) Anthracene	17.186	178	1043457	30.973	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	276531	28.640	ng/uL	99
76) Pentachlorobenzene	14.627	250	269463	28.644	ng/uL	100
77) Carbazole	17.462	167	975374	32.143	ng/ul	99
78) Di-n-butylphthalate	18.027	149	1130337	31.683	ng/ul	99
80) Fluoranthene	19.115	202	1235768	31.486	ng/ul	99
82) Pyrene	19.480	202	1324605	31.126	ng/ul	99
83) Butylbenzylphthalate	20.380	149	540177	33.044	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.191	252	396745	32.397	ng/ul	99
85) Benzo(a)anthracene	21.262	228	1330229	31.308	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	768258	32.216	ng/ul	100
87) Chrysene	21.321	228	1270705	31.123	ng/ul	100
89) Di-n-octyl phthalate	22.285	149	1367632	31.663	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1362286	32.299	ng/ul	99
91) Benzo(k)fluoranthene	23.332	252	1335343	31.754	ng/ul	100
93) Benzo(a)pyrene	24.056	252	1258617	31.739	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.456	276	1613199	31.303	ng/ul	99
95) Dibenzo(a,h)anthracene	27.509	278	1318719	31.329	ng/ul	100
96) Benzo(g,h,i)perylene	28.479	276	1253034	31.010	ng/ul	99

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

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