Quantitation Report (Qedit)

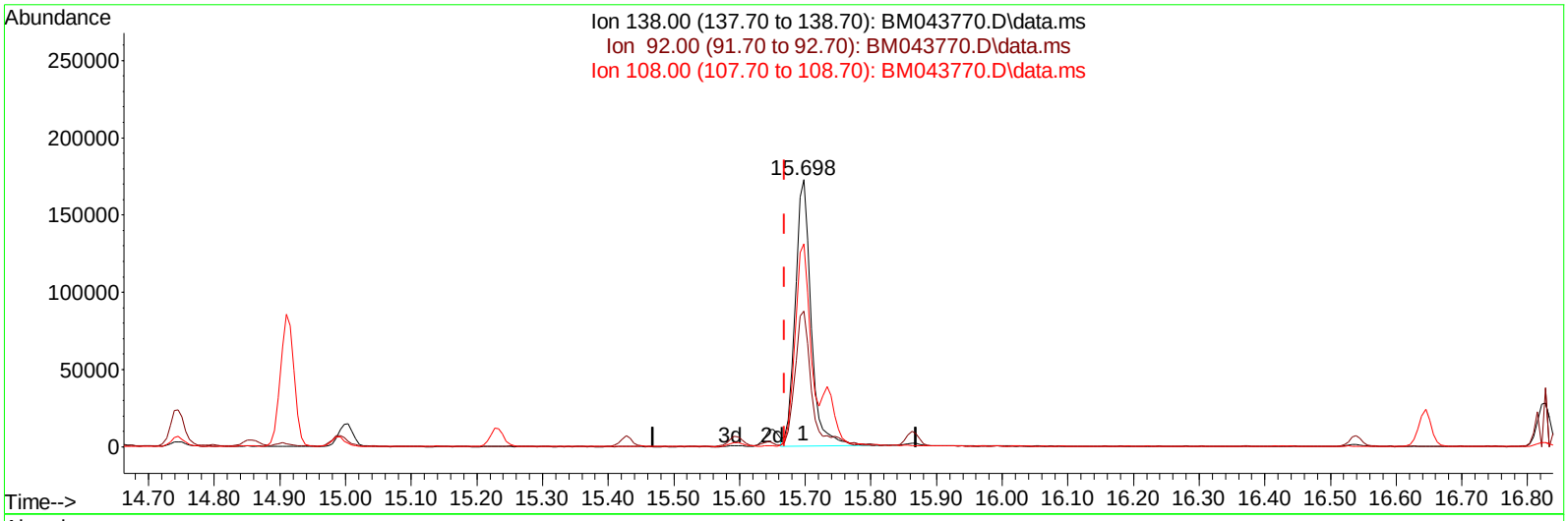
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043770.D
Acq On : 05 Jan 2024 21:03
Operator : MA/JU
Sample : PB158131BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

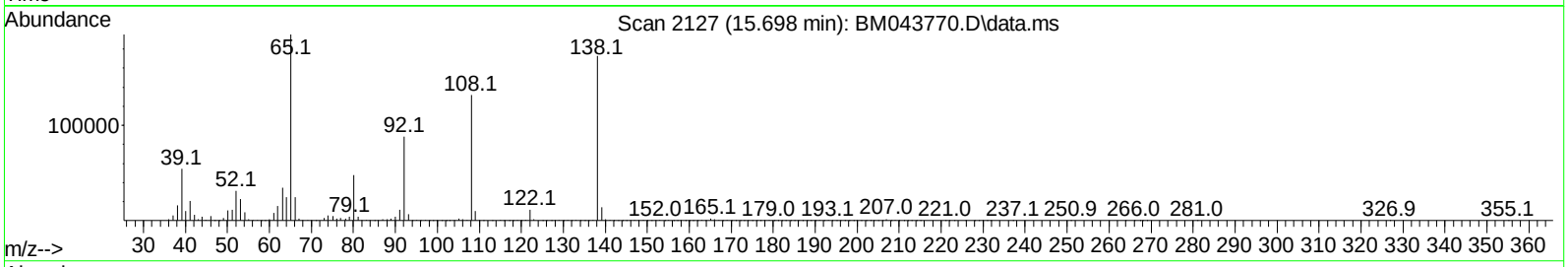
Quant Time: Jan 05 22:01:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

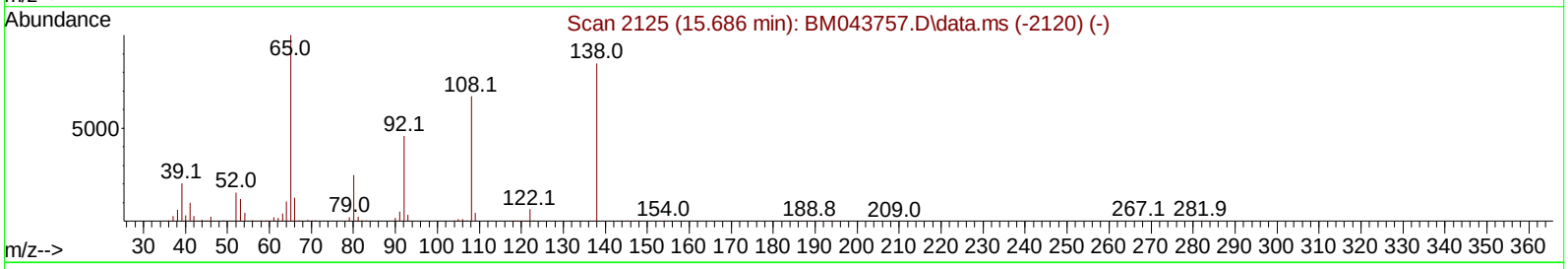
Instrument :
BNA_M
ClientSampleId :
SLCS131

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/08/2024
Supervised By :mohammad ahmed 01/08/2024







TIC: BM043770.D\data.ms

(63) 4-Nitroaniline

15.698min (+ 0.029) 32.45 ng/ul

response 291296

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.90	50.89
108.00	83.80	76.15
0.00	0.00	0.00

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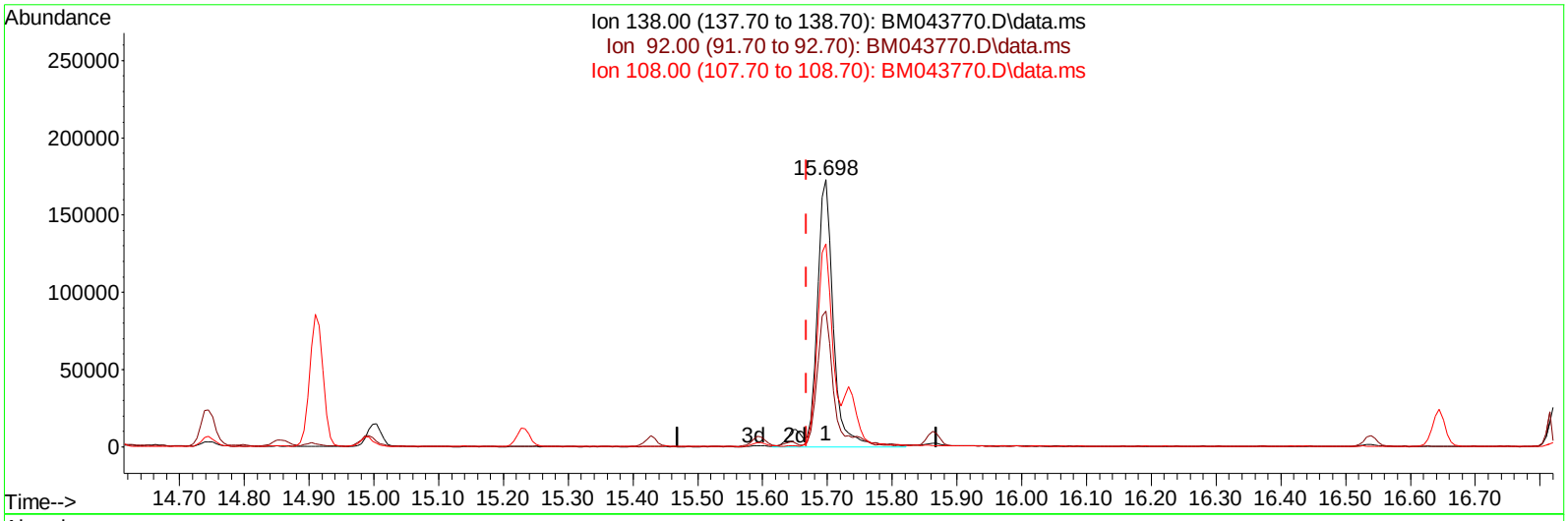

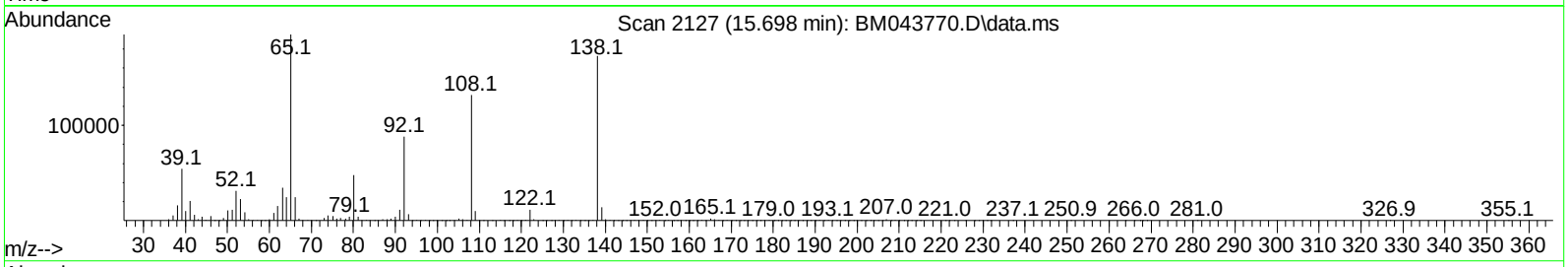

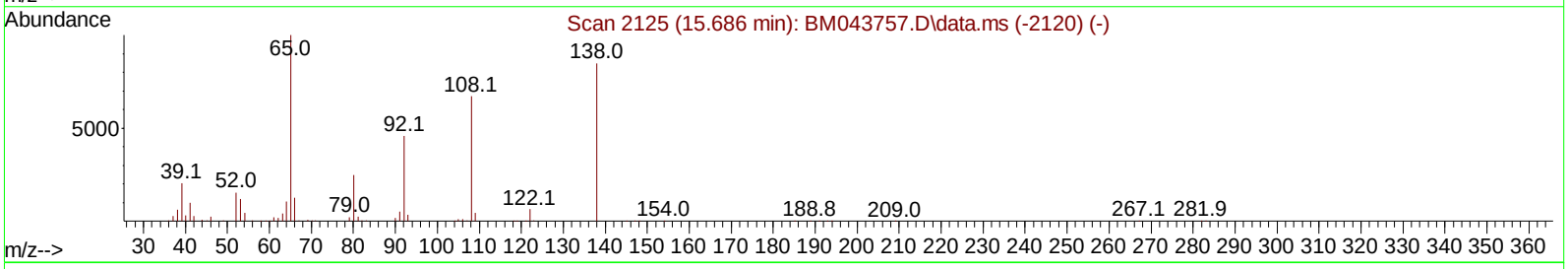

TIC: BM043770.D\data.ms

(63) 4-Nitroaniline

15.698min (+ 0.029) 34.96 ng/ul m

response 313754

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.90	50.89
108.00	83.80	76.15
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	219558	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	878389	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	496970	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	994752	20.000	ng/ul	0.01
79) Chrysene-d12	21.533	240	942209	20.000	ng/ul	0.01
88) Perylene-d12	23.956	264	1076998	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	33147	4.907	ng/uL	0.00
4) Pyridine-d5	3.793	84	489356	25.169	ng/ul	0.00
7) Phenol-d5	7.134	99	586125	23.467	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.292	67	357942	22.629	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	471617	24.731	ng/ul	0.00
15) 4-Methylphenol-d8	8.686	113	448175	23.124	ng/ul	0.02
21) Nitrobenzene-d5	9.133	128	231826	27.278	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	263693	30.030	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	459415	29.637	ng/ul	0.02
31) 4-Chloroaniline-d4	10.922	131	583699	25.595	ng/ul	0.01
46) Dimethylphthalate-d6	14.021	166	1213162	27.117	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	1466667	27.636	ng/ul	0.01
54) 4-Nitrophenol-d4	14.839	143	241464	28.517	ng/ul	0.05
60) Fluorene-d10	15.598	176	1035781	27.999	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.733	200	189249	28.766	ng/ul	0.02
73) Anthracene-d10	17.451	188	1538419	27.576	ng/ul	0.01
81) Pyrene-d10	19.745	212	1757764	23.630	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.803	264	1868613	28.116	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	70790	9.485	ng/uL	97
5) Pyridine	3.810	79	495749	24.656	ng/ul	95
6) Benzaldehyde	7.104	77	324390	27.392	ng/ul	94
8) Phenol	7.163	94	604848	24.615	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.387	93	473439	23.733	ng/ul	97
12) 2-Chlorophenol	7.522	128	498889	25.681	ng/ul	96
13) 2-Methylphenol	8.416	108	452965	24.277	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.486	45	779717	23.276	ng/ul	99
16) Acetophenone	8.798	105	694816	23.415	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.781	70	374721	21.158	ng/ul	99
18) 4-Methylphenol	8.745	108	485678	24.018	ng/ul	98
19) Hexachloroethane	9.022	117	198950	24.288	ng/ul#	84
22) Nitrobenzene	9.181	77	549448	26.124	ng/ul	99
23) Isophorone	9.704	82	1055748	24.746	ng/ul	99
25) 2-Nitrophenol	9.886	139	275579	29.529	ng/ul	97
26) 2,4-Dimethylphenol	9.951	107	457140	27.498	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.186	93	619028	24.572	ng/ul	99
29) 2,4-Dichlorophenol	10.422	162	445272	29.599	ng/ul	97
30) Naphthalene	10.816	128	1554443	27.767	ng/ul	100
32) 4-Chloroaniline	10.945	127	545029	24.854	ng/ul	98
33) Hexachlorobutadiene	11.080	225	267383	34.861	ng/ul	98
34) Caprolactam	11.769	113	149903	31.182	ng/ul	94
35) 4-Chloro-3-methylphenol	12.074	107	465132	26.324	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.427	142	1012514	26.570	ng/ul	99
37) 1-Methylnaphthalene	12.645	142	1005591	26.163	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.786	216	475247	31.386	ng/ul	96
40) Hexachlorocyclopentadiene	12.751	237	175556	18.478	ng/ul	100
41) 2,4,6-Trichlorophenol	13.045	196	339504	31.543	ng/ul	99
42) 2,4,5-Trichlorophenol	13.121	196	356302	31.177	ng/ul	96
43) 1,1'-Biphenyl	13.439	154	1296467	27.367	ng/ul	99
44) 2-Chloronaphthalene	13.480	162	1019780	28.077	ng/ul	99
45) 2-Nitroaniline	13.704	65	323038	26.523	ng/ul	94
47) Dimethylphthalate	14.068	163	1229864	27.837	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	256342	30.010	ng/ul	98
50) Acenaphthylene	14.327	152	1700043	27.895	ng/ul	99
51) 3-Nitroaniline	14.533	138	274602	28.004	ng/ul	95
52) Acenaphthene	14.663	153	1111312	27.668	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	142465	31.331	ng/ul	91
55) 4-Nitrophenol	14.857	109	179594	27.315	ng/ul	95
56) Dibenzofuran	14.998	168	1478267	28.497	ng/ul	97
57) 2,4-Dinitrotoluene	14.992	165	374572	31.039	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.233	232	294430	33.626	ng/ul	87
59) Diethylphthalate	15.427	149	1286101	28.406	ng/ul	99
61) Fluorene	15.651	166	1250569	28.219	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	568329	29.155	ng/ul	94
63) 4-Nitroaniline	15.698	138	313754m	34.957	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.751	198	204890	29.170	ng/ul#	89
67) N-Nitrosodiphenylamine	15.862	169	1017727	26.636	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	345701	29.334	ng/ul	94
69) Hexachlorobenzene	16.645	284	419613	31.078	ng/ul	94
70) Atrazine	16.827	200	291172	34.767	ng/ul	98
71) Pentachlorophenol	17.004	266	293741	35.987	ng/ul	98
72) Phenanthrene	17.398	178	1902461	28.218	ng/ul	100
74) Anthracene	17.486	178	1920056	28.219	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	472891	28.947	ng/uL	99
76) Pentachlorobenzene	14.915	250	464401	29.195	ng/uL	98
77) Carbazole	17.768	167	1814893	31.252	ng/ul	99
78) Di-n-butylphthalate	18.321	149	2291562	30.184	ng/ul	99
80) Fluoranthene	19.409	202	2158372	23.431	ng/ul	94
82) Pyrene	19.774	202	2248199	23.740	ng/ul	93
83) Butylbenzylphthalate	20.674	149	1052333	25.702	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.456	252	536014	23.099	ng/ul	97
85) Benzo(a)anthracene	21.521	228	2240657	28.439	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.444	149	1473893	25.285	ng/ul	99
87) Chrysene	21.574	228	2046616	28.875	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	2661324	25.832	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	2284138	27.675	ng/ul	98
91) Benzo(k)fluoranthene	23.268	252	2218253	27.557	ng/ul	98
93) Benzo(a)pyrene	23.850	252	2168179	28.794	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.491	276	2753886	30.629	ng/ul	98
95) Dibenzo(a,h)anthracene	26.503	278	2284055	30.679	ng/ul	98
96) Benzo(g,h,i)perylene	27.268	276	2127788	30.190	ng/ul	94

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

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