Quantitation Report (Qedit)

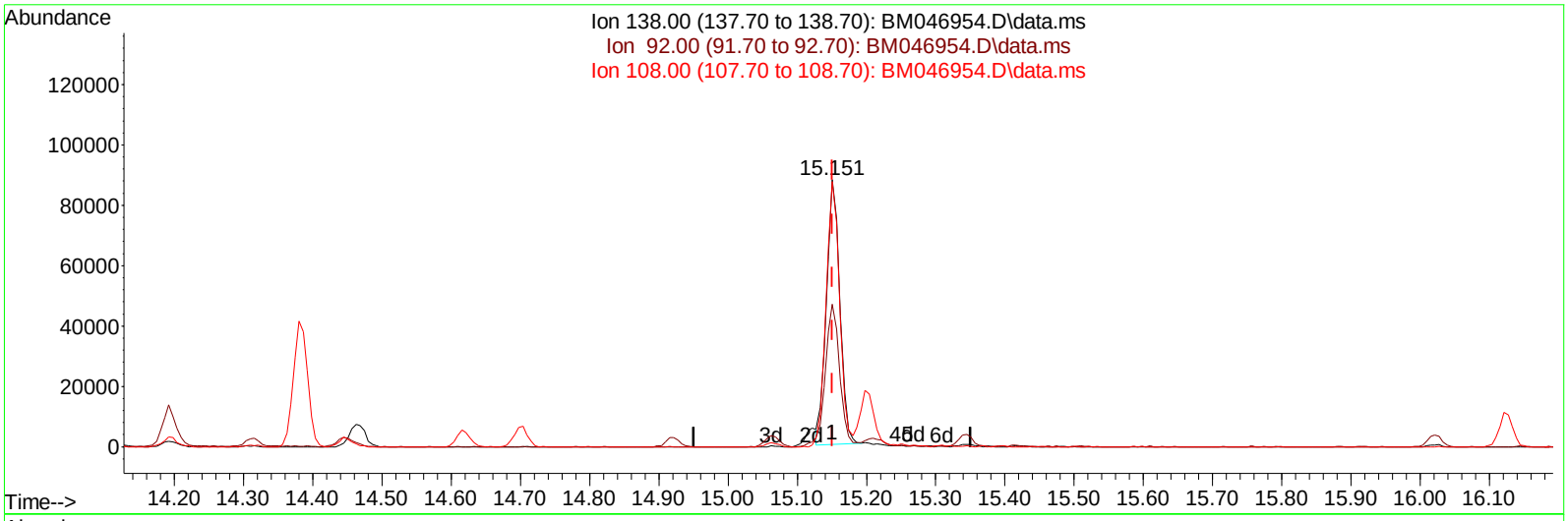
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080224\
Data File : BM046954.D
Acq On : 02 Aug 2024 18:25
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

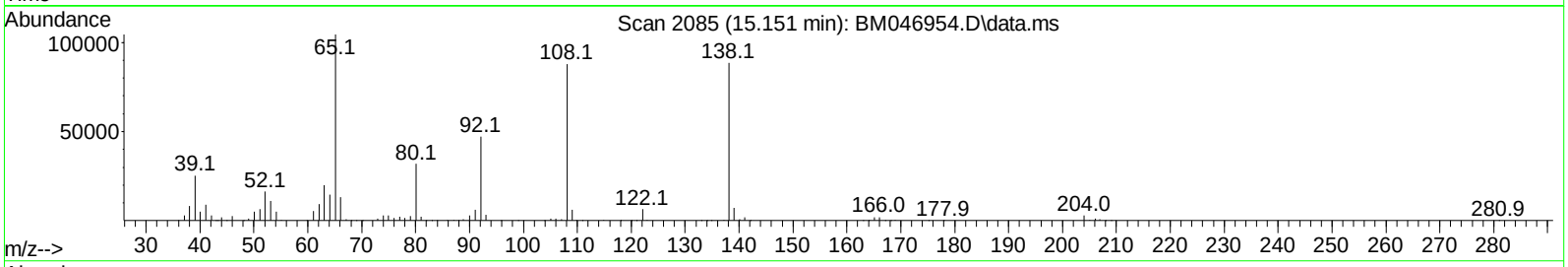
Quant Time: Aug 03 02:54:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:51:11 2024
Response via : Initial Calibration

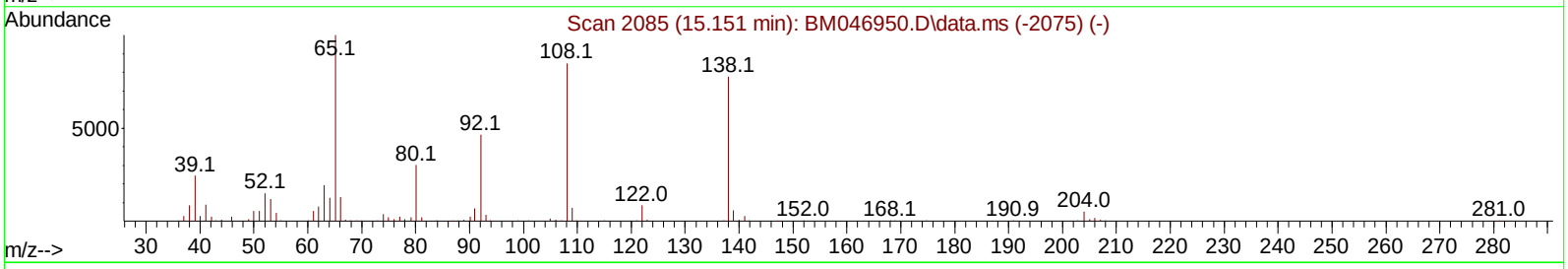
Instrument :
BNA_M
ClientSampleId :
SICV012

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024







TIC: BM046954.D\data.ms

(63) 4-Nitroaniline

15.151min (-0.000) 20.72 ng/ul

response 117496

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	53.50
108.00	109.10	99.47
0.00	0.00	0.00

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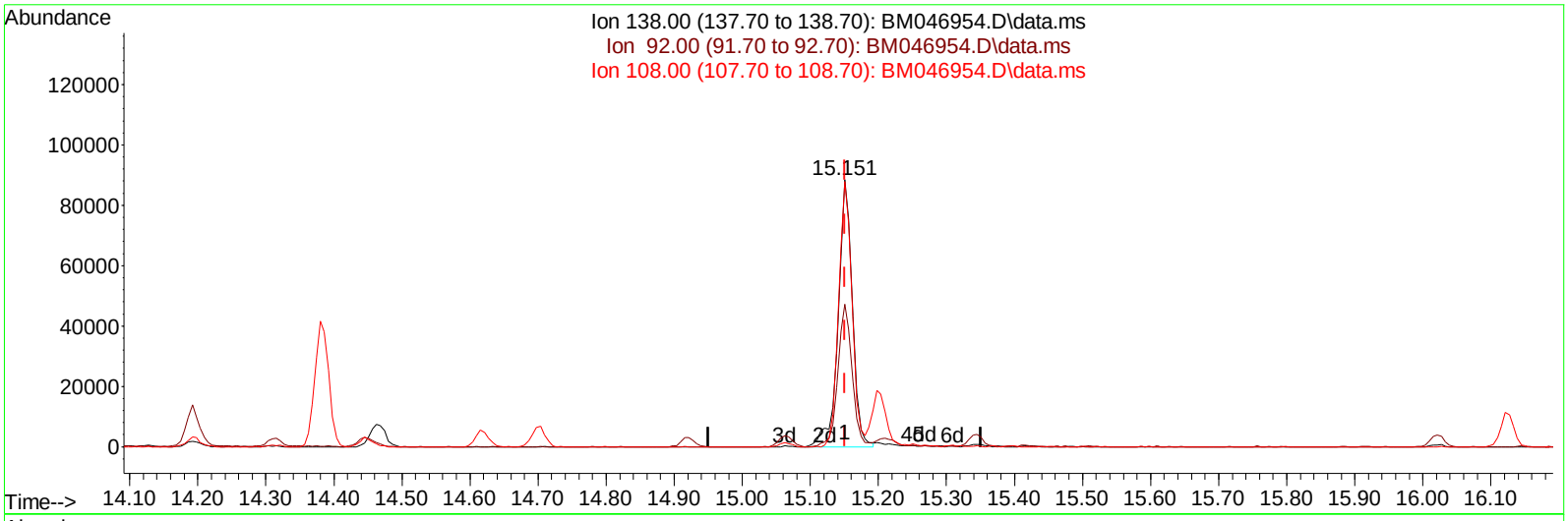

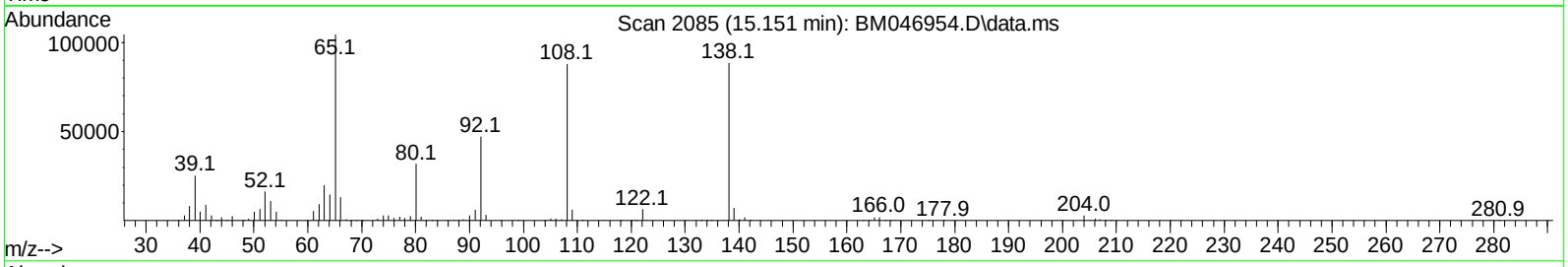

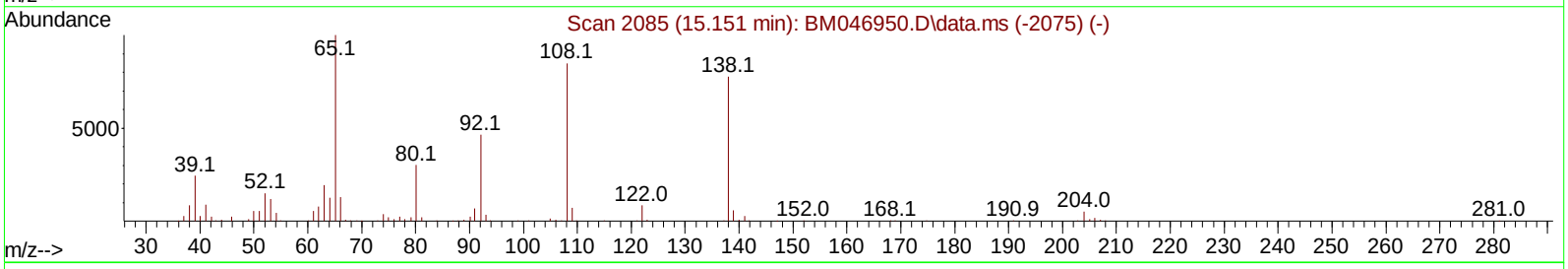

TIC: BM046954.D\data.ms

(63) 4-Nitroaniline

15.151min (-0.000) 22.66 ng/ul m

response 128540

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	53.50
108.00	109.10	99.47
0.00	0.00	0.00

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Acq On : 02 Aug 2024 18:25
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Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

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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	7.404	152	140703	20.000	ng/ul	0.00
20) Naphthalene-d8	10.163	136	544544	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.063	164	377855	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.821	188	823296	20.000	ng/ul	0.00
79) Chrysene-d12	21.056	240	815703	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	987186	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	24895	7.010	ng/uL	0.00
4) Pyridine-d5	3.416	84	180568	18.639	ng/ul	0.00
7) Phenol-d5	6.604	99	212781	19.908	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	145872	20.742	ng/ul	0.00
11) 2-Chlorophenol-d4	6.945	132	175214	19.352	ng/ul	0.00
15) 4-Methylphenol-d8	8.122	113	172794	20.407	ng/ul	0.00
21) Nitrobenzene-d5	8.545	128	85783	19.632	ng/ul	0.00
24) 2-Nitrophenol-d4	9.263	143	94100	19.720	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.798	165	184862	20.178	ng/ul	0.00
31) 4-Chloroaniline-d4	10.310	131	242440	20.135	ng/ul	0.00
46) Dimethylphthalate-d6	13.486	166	573723	19.858	ng/ul	0.00
49) Acenaphthylene-d8	13.745	160	638703	19.805	ng/ul	0.00
54) 4-Nitrophenol-d4	14.298	143	109780	19.652	ng/ul	0.00
60) Fluorene-d10	15.062	176	482691	19.531	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.204	200	102014	19.612	ng/ul	0.00
73) Anthracene-d10	16.915	188	769972	19.728	ng/ul	0.00
81) Pyrene-d10	19.233	212	905314	19.388	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.585	264	1037814	19.965	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.057	88	25274	6.395	ng/uL	97
5) Pyridine	3.434	79	173489	18.089	ng/ul	95
6) Benzaldehyde	6.563	77	132532	21.588	ng/ul	97
8) Phenol	6.634	94	213566	19.841	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.851	93	174847	19.057	ng/ul	97
12) 2-Chlorophenol	6.975	128	175438	19.126	ng/ul	97
13) 2-Methylphenol	7.857	108	161593	19.707	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	7.928	45	216034	19.650	ng/ul	97
16) Acetophenone	8.222	105	275131	20.645	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.210	70	142862	20.328	ng/ul	99
18) 4-Methylphenol	8.186	108	173808	19.618	ng/ul	100
19) Hexachloroethane	8.457	117	81845	18.317	ng/ul	94
22) Nitrobenzene	8.586	77	220288	18.869	ng/ul	97
23) Isophorone	9.116	82	389566	19.502	ng/ul	99
25) 2-Nitrophenol	9.292	139	101200	19.387	ng/ul	96
26) 2,4-Dimethylphenol	9.369	107	173450	16.857	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.604	93	234760	19.064	ng/ul	99
29) 2,4-Dichlorophenol	9.822	162	175865	19.246	ng/ul	98
30) Naphthalene	10.210	128	551434	19.126	ng/ul	100
32) 4-Chloroaniline	10.333	127	238548	20.401	ng/ul	99
33) Hexachlorobutadiene	10.498	225	121510	18.432	ng/ul	98
34) Caprolactam	11.116	113	56893	20.560	ng/ul	91
35) 4-Chloro-3-methylphenol	11.474	107	186319	19.774	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.839	142	405831	20.159	ng/ul	100
37) 1-Methylnaphthalene	12.063	142	378099	18.553	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.216	216	221735	18.711	ng/ul	99
40) Hexachlorocyclopentadiene	12.198	237	128995	16.525	ng/ul	95
41) 2,4,6-Trichlorophenol	12.474	196	150476	19.400	ng/ul	99
42) 2,4,5-Trichlorophenol	12.545	196	159022	18.989	ng/ul	98
43) 1,1'-Biphenyl	12.880	154	534208	18.898	ng/ul	99
44) 2-Chloronaphthalene	12.916	162	420239	18.720	ng/ul	99
45) 2-Nitroaniline	13.133	65	133515	19.572	ng/ul	96
47) Dimethylphthalate	13.539	163	549960	18.970	ng/ul	99
48) 2,6-Dinitrotoluene	13.651	165	118197	20.973	ng/ul	88
50) Acenaphthylene	13.774	152	667663	19.603	ng/ul	99
51) 3-Nitroaniline	13.980	138	124150	21.631	ng/ul	96
52) Acenaphthene	14.127	153	461692	18.803	ng/ul	98
53) 2,4-Dinitrophenol	14.192	184	69589	17.500	ng/ul	94
55) 4-Nitrophenol	14.315	109	101454	17.945	ng/ul	92
56) Dibenzofuran	14.463	168	653089	18.952	ng/ul	98
57) 2,4-Dinitrotoluene	14.451	165	168400	19.553	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.704	232	150616	20.231	ng/ul	95
59) Diethylphthalate	14.921	149	591678	18.972	ng/ul	98
61) Fluorene	15.121	166	529844	18.641	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.127	204	257045	18.370	ng/ul	97
63) 4-Nitroaniline	15.151	138	128540m	22.662	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.215	198	106730	18.752	ng/ul	98
67) N-Nitrosodiphenylamine	15.345	169	477001	19.547	ng/ul	98
68) 4-Bromophenyl-phenylether	16.021	248	171270	19.220	ng/ul	96
69) Hexachlorobenzene	16.127	284	200718	19.129	ng/ul	97
70) Atrazine	16.315	200	182158	19.025	ng/ul	98
71) Pentachlorophenol	16.480	266	134711	18.962	ng/ul	96
72) Phenanthrene	16.862	178	883090	19.135	ng/ul	99
74) Anthracene	16.951	178	891466	19.154	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.839	216	219306	18.514	ng/uL	95
76) Pentachlorobenzene	14.386	250	216527	17.659	ng/uL	98
77) Carbazole	17.233	167	846439	19.617	ng/ul	100
78) Di-n-butylphthalate	17.821	149	1054490	19.219	ng/ul	99
80) Fluoranthene	18.898	202	1045391	18.733	ng/ul	98
82) Pyrene	19.262	202	1108607	18.644	ng/ul	99
83) Butylbenzylphthalate	20.197	149	507556	19.530	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.980	252	428021	21.405	ng/ul	99
85) Benzo(a)anthracene	21.039	228	1123753	18.863	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	746542	19.676	ng/ul	98
87) Chrysene	21.097	228	1063850	18.724	ng/ul	100
89) Di-n-octyl phthalate	22.044	149	1308972	18.795	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	1193798	19.550	ng/ul	100
91) Benzo(k)fluoranthene	22.980	252	1154199	19.127	ng/ul	99
93) Benzo(a)pyrene	23.644	252	1122864	19.738	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.779	276	1349278	18.512	ng/ul	98
95) Dibenzo(a,h)anthracene	26.832	278	1097491	18.746	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	1029696	17.880	ng/ul	99

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

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