Quantitation Report (Qedit)

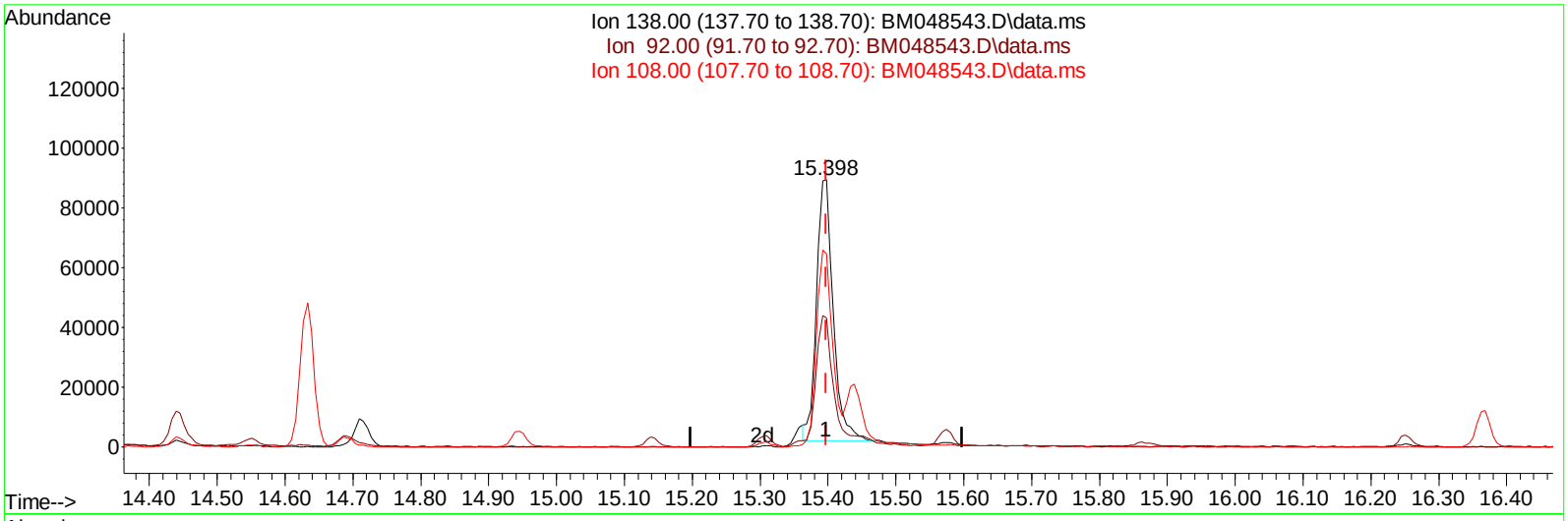
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
Data File : BM048543.D
Acq On : 08 Nov 2024 23:31
Operator : RC/JU
Sample : PB164769BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

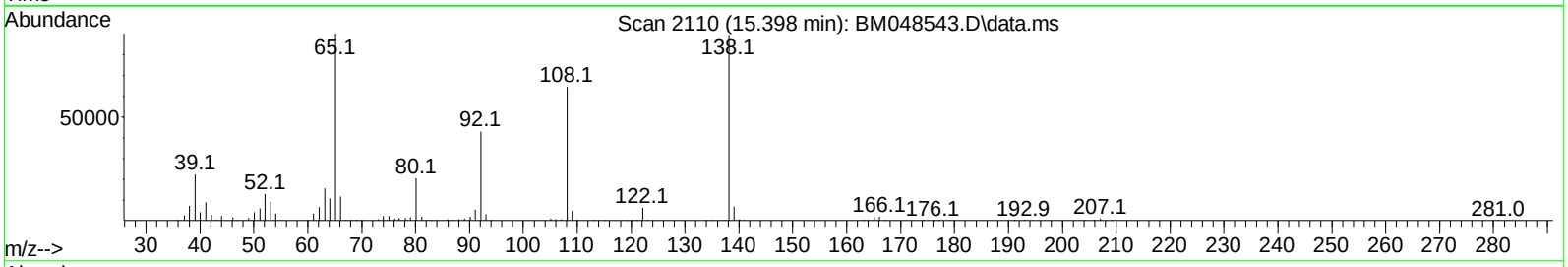
Quant Time: Nov 09 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:50:20 2024
Response via : Initial Calibration

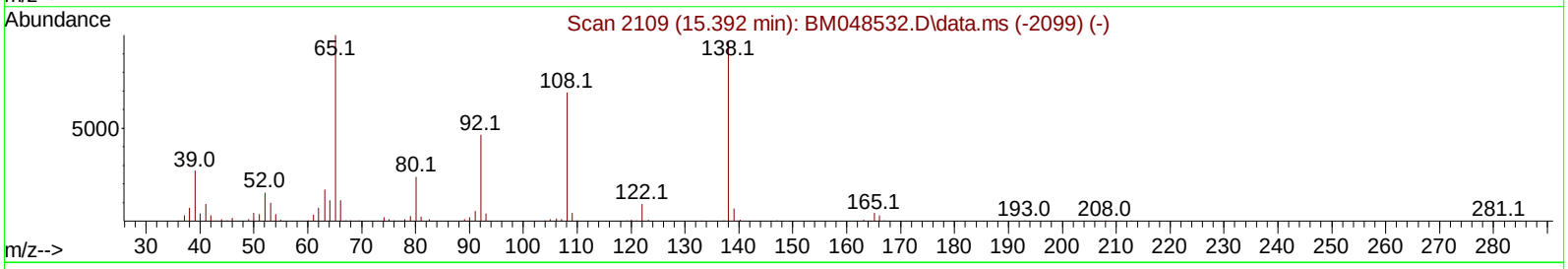
Instrument :
BNA_M
ClientSampleId :
SLCS769

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BM048543.D\data.ms

(63) 4-Nitroaniline

15.398min (0.000) 39.20 ng/ul

response 149763

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.60	48.28
108.00	73.10	72.33
0.00	0.00	0.00

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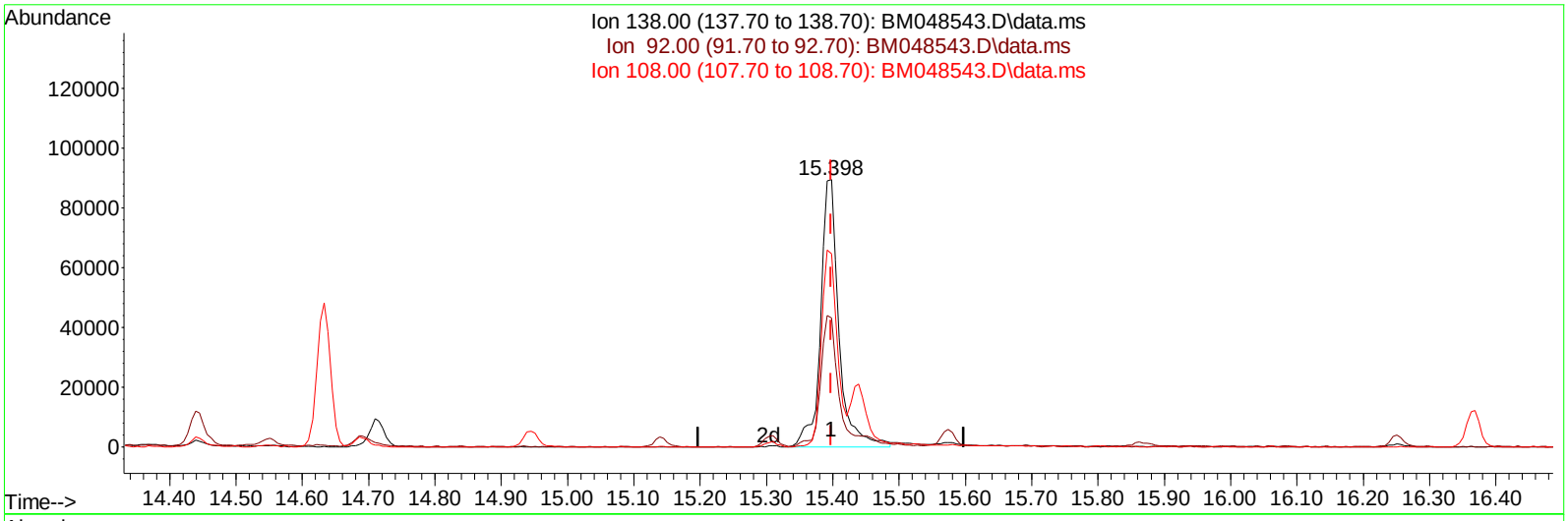

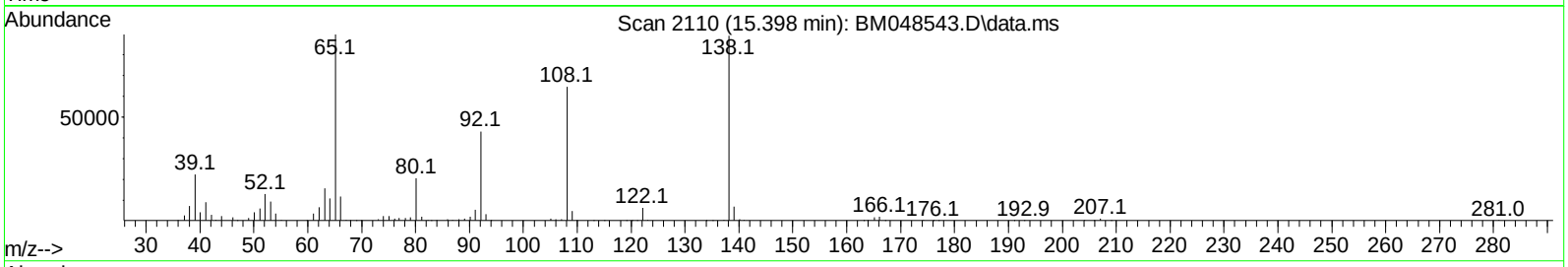

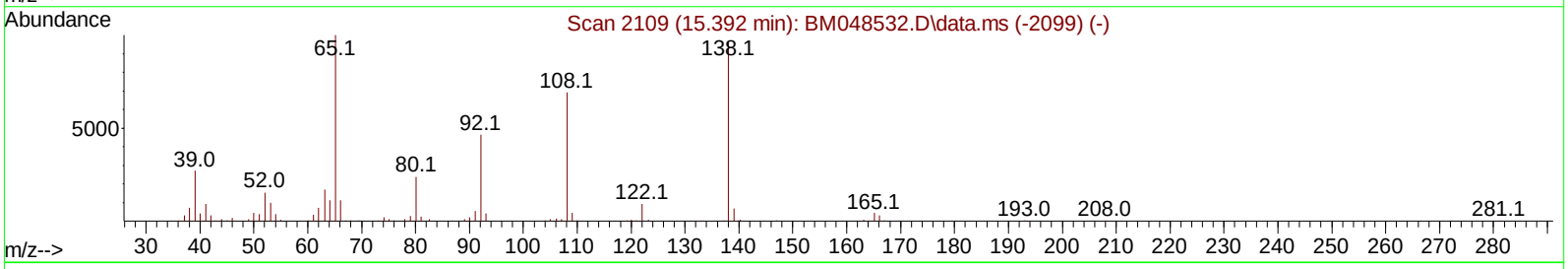

TIC: BM048543.D\data.ms

(63) 4-Nitroaniline

15.398min (0.000) 44.72 ng/ul m

response 170852

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.60	48.28
108.00	73.10	72.33
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	7.663	152	117009	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	473813	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	292262	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.056	188	577592	20.000	ng/ul	0.00
79) Chrysene-d12	21.280	240	568737	20.000	ng/ul	0.00
88) Perylene-d12	24.191	264	670967	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	20823	7.094	ng/uL	0.00
4) Pyridine-d5	3.540	84	274230	33.902	ng/ul	0.00
7) Phenol-d5	6.845	99	332377	37.315	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	195119	36.471	ng/ul	0.00
11) 2-Chlorophenol-d4	7.198	132	275284	37.310	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	253447	36.188	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	128928	37.543	ng/ul	0.00
24) 2-Nitrophenol-d4	9.539	143	141089	38.626	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.080	165	257495	37.947	ng/ul	0.00
31) 4-Chloroaniline-d4	10.592	131	337634	35.030	ng/ul	0.00
46) Dimethylphthalate-d6	13.727	166	745130	39.940	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	872423	39.663	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	137266	39.613	ng/ul	0.00
60) Fluorene-d10	15.310	176	623156	38.265	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	117781	40.535	ng/ul	0.00
73) Anthracene-d10	17.156	188	926463	37.904	ng/ul	0.00
81) Pyrene-d10	19.450	212	1143752	40.072	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.997	264	1273800	40.632	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.157	88	42528	13.203	ng/uL	97
5) Pyridine	3.557	79	284214	34.228	ng/ul	99
6) Benzaldehyde	6.810	77	172203	39.122	ng/ul	94
8) Phenol	6.869	94	353162	37.790	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.092	93	271830	37.013	ng/ul	99
12) 2-Chlorophenol	7.228	128	289697	37.899	ng/ul	99
13) 2-Methylphenol	8.116	108	255839	36.982	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.186	45	406859	37.671	ng/ul	98
16) Acetophenone	8.486	105	417447	38.237	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.475	70	200599	39.099	ng/ul	99
18) 4-Methylphenol	8.445	108	282278	37.265	ng/ul	99
19) Hexachloroethane	8.733	117	120023	37.156	ng/ul	94
22) Nitrobenzene	8.863	77	304037	39.046	ng/ul	96
23) Isophorone	9.386	82	564862	39.218	ng/ul	99
25) 2-Nitrophenol	9.575	139	157990	39.688	ng/ul	97
26) 2,4-Dimethylphenol	9.639	107	188852	25.399	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.869	93	347306	38.631	ng/ul	99
29) 2,4-Dichlorophenol	10.104	162	262123	38.082	ng/ul	97
30) Naphthalene	10.498	128	903971	37.694	ng/ul	99
32) 4-Chloroaniline	10.616	127	278802	30.678	ng/ul	100
33) Hexachlorobutadiene	10.780	225	169508	36.391	ng/ul	98
34) Caprolactam	11.398	113	84050	38.744	ng/ul	96
35) 4-Chloro-3-methylphenol	11.757	107	265998	39.937	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.121	142	584980	38.122	ng/ul	100
37) 1-Methylnaphthalene	12.339	142	583095	37.028	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.492	216	309057	36.902	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	119924	28.014	ng/ul	100
41) 2,4,6-Trichlorophenol	12.745	196	189807	35.879	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	210819	37.421	ng/ul	96
43) 1,1'-Biphenyl	13.139	154	753844	37.723	ng/ul	99
44) 2-Chloronaphthalene	13.180	162	599446	38.013	ng/ul	98
45) 2-Nitroaniline	13.398	65	167458	42.286	ng/ul	94
47) Dimethylphthalate	13.774	163	763860	40.760	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	153209	42.884	ng/ul	98
50) Acenaphthylene	14.033	152	989195	40.799	ng/ul	100
51) 3-Nitroaniline	14.227	138	163426	42.123	ng/ul	99
52) Acenaphthene	14.374	153	659701	38.649	ng/ul	100
53) 2,4-Dinitrophenol	14.445	184	74653	38.863	ng/ul	91
55) 4-Nitrophenol	14.551	109	101469	40.504	ng/ul	97
56) Dibenzofuran	14.715	168	901753	38.295	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	217351	41.854	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.945	232	163921	34.979	ng/ul	99
59) Diethylphthalate	15.145	149	729031	39.484	ng/ul	99
61) Fluorene	15.362	166	719319	38.584	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	349163	38.016	ng/ul	98
63) 4-Nitroaniline	15.398	138	170852m	44.721	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.457	198	130378	41.233	ng/ul	96
67) N-Nitrosodiphenylamine	15.574	169	609218	40.019	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	214784	39.430	ng/ul	95
69) Hexachlorobenzene	16.368	284	257320	39.140	ng/ul	99
70) Atrazine	16.533	200	90246	16.288	ng/ul	97
71) Pentachlorophenol	16.715	266	138747	33.206	ng/ul	95
72) Phenanthrene	17.098	178	1145974	40.005	ng/ul	99
74) Anthracene	17.192	178	1115937	38.816	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	301093	36.542	ng/uL	100
76) Pentachlorobenzene	14.633	250	292772	36.469	ng/uL	99
77) Carbazole	17.468	167	1078277	41.640	ng/ul	99
78) Di-n-butylphthalate	18.027	149	1282714	42.133	ng/ul	99
80) Fluoranthene	19.121	202	1341333	40.502	ng/ul	99
82) Pyrene	19.480	202	1468668	40.898	ng/ul	99
83) Butylbenzylphthalate	20.386	149	597219	43.296	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.191	252	436140	42.206	ng/ul	99
85) Benzo(a)anthracene	21.262	228	1430294	39.894	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.191	149	850262	42.254	ng/ul	99
87) Chrysene	21.321	228	1371209	39.801	ng/ul	100
89) Di-n-octyl phthalate	22.291	149	1509338	39.904	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1456049	39.421	ng/ul	100
91) Benzo(k)fluoranthene	23.333	252	1470887	39.941	ng/ul	100
93) Benzo(a)pyrene	24.056	252	1382034	39.798	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.473	276	1846599	40.918	ng/ul	98
95) Dibenzo(a,h)anthracene	27.520	278	1525271	41.379	ng/ul	99
96) Benzo(g,h,i)perylene	28.491	276	1453592	41.079	ng/ul	100

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

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