Quantitation Report (Qedit)

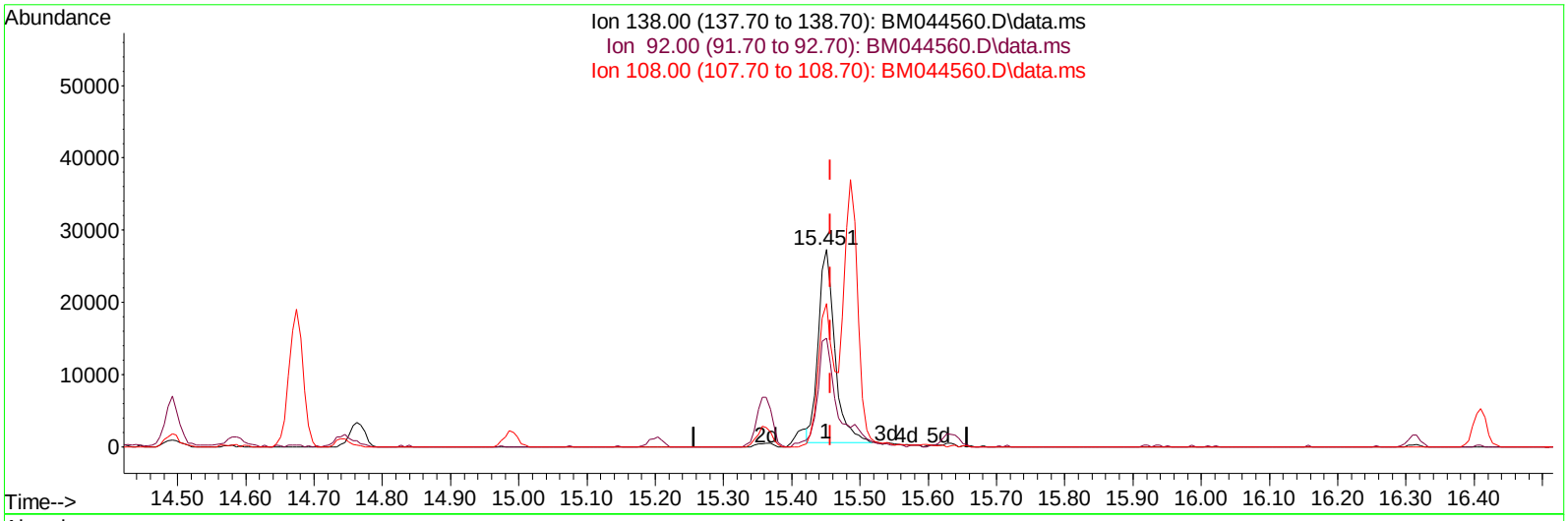
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030824\
Data File : BM044560.D
Acq On : 08 Mar 2024 10:55
Operator : MA/JU
Sample : P1601-04
Misc : SFAM-MDL-SOIL-02
ALS Vial : 5 Sample Multiplier: 1

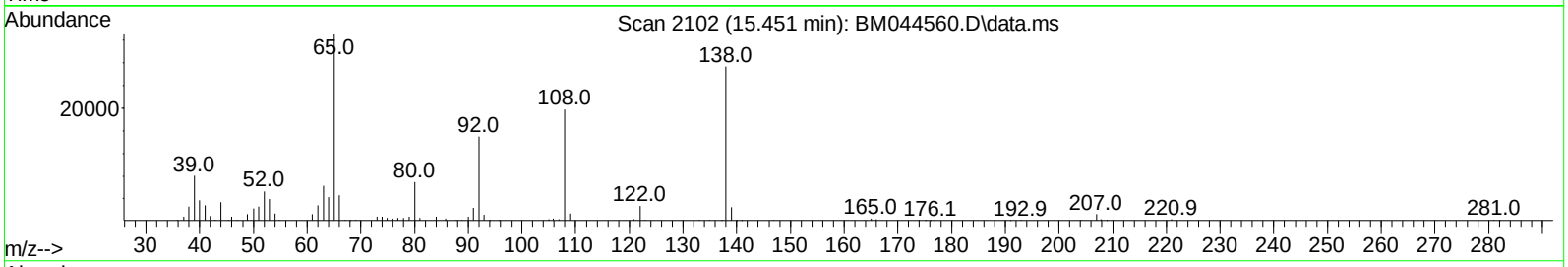
Quant Time: Mar 08 11:34:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
Response via : Initial Calibration

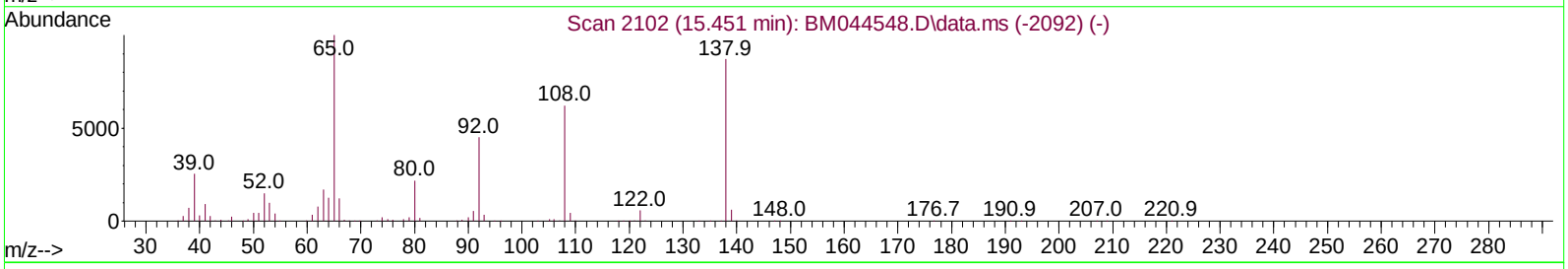
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024







TIC: BM044560.D\data.ms

(63) 4-Nitroaniline

15.451min (-0.006) 3.44 ng/ul

response 44758

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	54.93
108.00	68.30	72.49
0.00	0.00	0.00

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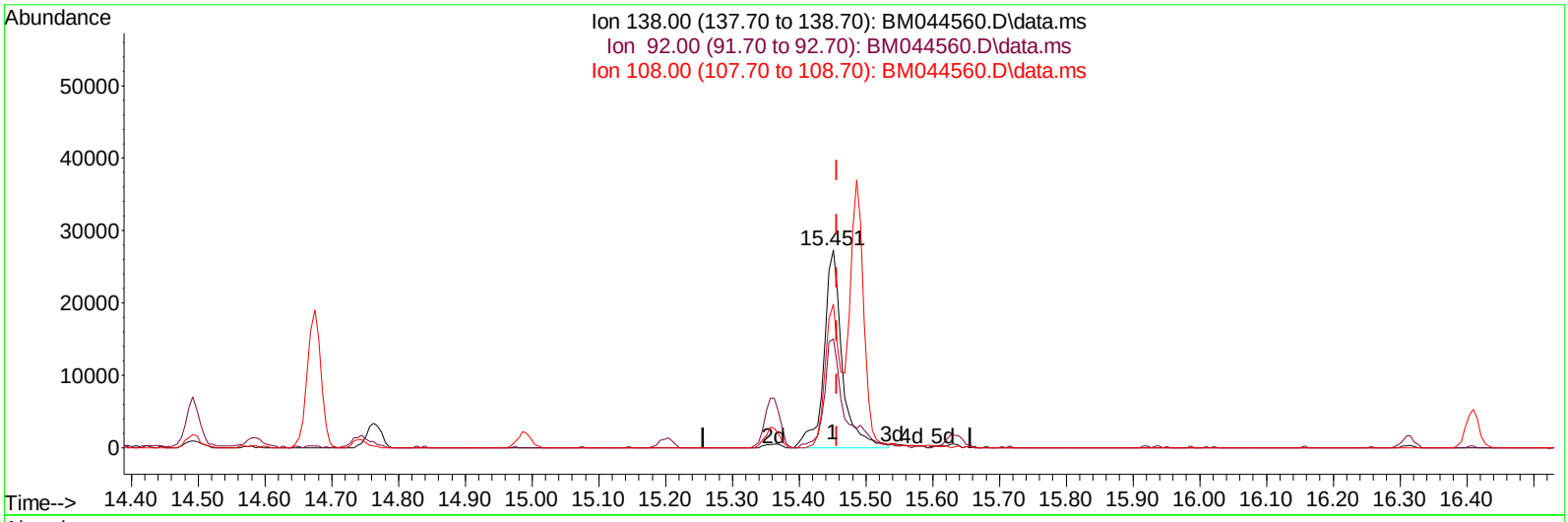

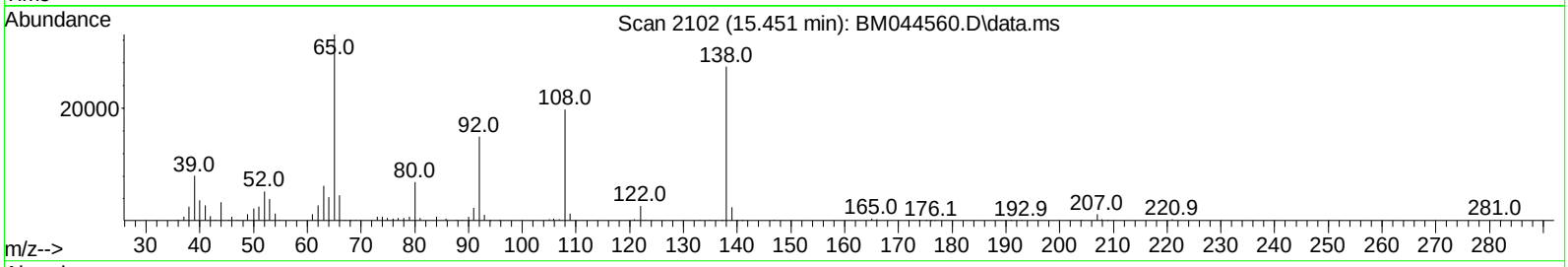

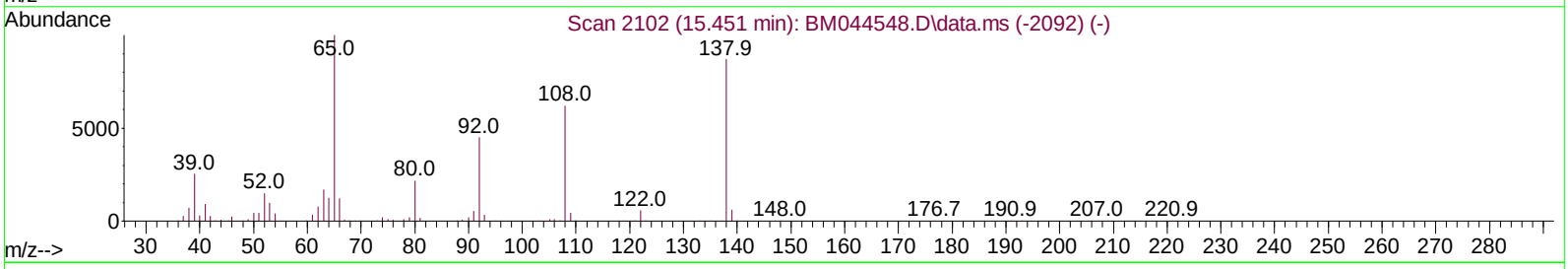

TIC: BM044560.D\data.ms

(63) 4-Nitroaniline

15.451min (-0.006) 3.96 ng/ul m

response 51536

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	54.93
108.00	68.30	72.49
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	7.716	152	282876	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.498	136	1272625	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.363	164	789846	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.115	188	1670959	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1507593	20.000	ng/ul	0.00
88) Perylene-d12	23.568	264	1510612	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	37371	4.481	ng/uL	-0.01
4) Pyridine-d5	3.669	84	539744	21.987	ng/ul	-0.01
7) Phenol-d5	6.887	99	610466	20.991	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.069	67	390386	21.732	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.251	132	461889	21.612	ng/ul	-0.02
15) 4-Methylphenol-d8	8.422	113	461083	20.187	ng/ul	-0.02
21) Nitrobenzene-d5	8.881	128	241975	22.580	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.592	143	260078	22.513	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	434865	22.118	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.645	131	677095	20.735	ng/ul	-0.02
46) Dimethylphthalate-d6	13.780	166	1318540	21.281	ng/ul	-0.01
49) Acenaphthylene-d8	14.057	160	1551309	21.893	ng/ul	0.00
54) 4-Nitrophenol-d4	14.568	143	256413	19.956	ng/ul	-0.01
60) Fluorene-d10	15.363	176	1157003	22.222	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	203202	18.734	ng/ul	0.00
73) Anthracene-d10	17.215	188	1663798	20.831	ng/ul	0.00
81) Pyrene-d10	19.515	212	1987054	21.490	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.421	264	1753770	22.088	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	9697	1.123	ng/uL#	85
5) Pyridine	3.693	79	100667	3.954	ng/ul#	59
6) Benzaldehyde	6.881	77	75561	5.965	ng/ul	92
8) Phenol	6.916	94	122924	4.141	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.157	93	102837	4.219	ng/ul	96
12) 2-Chlorophenol	7.281	128	94194	4.273	ng/ul	97
13) 2-Methylphenol	8.157	108	85360	3.790	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.239	45	147446	4.581	ng/ul	99
16) Acetophenone	8.545	105	153149	4.323	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.528	70	79340	4.335	ng/ul	100
18) 4-Methylphenol	8.481	108	98200	4.005	ng/ul	95
19) Hexachloroethane	8.781	117	38271	4.238	ng/ul	95
22) Nitrobenzene	8.916	77	114826	4.518	ng/ul	91
23) Isophorone	9.439	82	212830	4.105	ng/ul	97
25) 2-Nitrophenol	9.622	139	53149	4.220	ng/ul	96
26) 2,4-Dimethylphenol	9.681	107	72480	3.163	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.928	93	140601	4.312	ng/ul	99
29) 2,4-Dichlorophenol	10.145	162	87053	4.435	ng/ul	96
30) Naphthalene	10.551	128	322085	4.469	ng/ul	99
32) 4-Chloroaniline	10.669	127	131247	4.169	ng/ul	97
33) Hexachlorobutadiene	10.822	225	51537	4.684	ng/ul	96
34) Caprolactam	11.469	113	29316	3.835	ng/ul	92
35) 4-Chloro-3-methylphenol	11.792	107	89885	3.949	ng/ul	98

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Instrument :
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ClientSampleId :
MDL-SOIL-QT1-2024-02

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.169	142	211275	4.408	ng/ul	99
37) 1-Methylnaphthalene	12.386	142	218470	4.620	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.533	216	101728	4.527	ng/ul	99
40) Hexachlorocyclopentadiene	12.504	237	54032	3.622	ng/ul	97
41) 2,4,6-Trichlorophenol	12.786	196	61902	3.930	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	67674	4.009	ng/ul	98
43) 1,1'-Biphenyl	13.192	154	273957	4.368	ng/ul	99
44) 2-Chloronaphthalene	13.233	162	215037	4.369	ng/ul	98
45) 2-Nitroaniline	13.451	65	57802	3.741	ng/ul	98
47) Dimethylphthalate	13.827	163	264817	4.200	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	45492	3.612	ng/ul	98
50) Acenaphthylene	14.080	152	358787	4.344	ng/ul	100
51) 3-Nitroaniline	14.286	138	50589	3.719	ng/ul#	93
52) Acenaphthene	14.427	153	236204	4.351	ng/ul	100
53) 2,4-Dinitrophenol	14.492	184	33629	4.175	ng/ul	99
55) 4-Nitrophenol	14.586	109	40594	4.509	ng/ul	95
56) Dibenzofuran	14.763	168	320859	4.443	ng/ul	100
57) 2,4-Dinitrotoluene	14.745	165	68049	3.743	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.992	232	56186	4.022	ng/ul	96
59) Diethylphthalate	15.204	149	261096	3.990	ng/ul	98
61) Fluorene	15.415	166	266223	4.507	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.415	204	124802	4.553	ng/ul	99
63) 4-Nitroaniline	15.451	138	51536m	3.964	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.504	198	51719	4.462	ng/ul#	88
67) N-Nitrosodiphenylamine	15.633	169	210047	4.174	ng/ul	99
68) 4-Bromophenyl-phenylether	16.315	248	72781	4.355	ng/ul	96
69) Hexachlorobenzene	16.410	284	85424	4.487	ng/ul	95
70) Atrazine	16.592	200	81717	4.969	ng/ul	99
71) Pentachlorophenol	16.762	266	58210	4.631	ng/ul	99
72) Phenanthrene	17.157	178	405055	4.273	ng/ul	99
74) Anthracene	17.251	178	389882	4.067	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.145	216	99270	4.448	ng/uL	98
76) Pentachlorobenzene	14.674	250	107043	4.961	ng/uL	98
77) Carbazole	17.527	167	366341	4.067	ng/ul	100
78) Di-n-butylphthalate	18.098	149	428719	3.538	ng/ul	99
80) Fluoranthene	19.180	202	459469	4.173	ng/ul	96
82) Pyrene	19.545	202	487393	4.251	ng/ul	97
83) Butylbenzylphthalate	20.462	149	173790	3.083	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	145556	4.463	ng/ul	97
85) Benzo(a)anthracene	21.292	228	456702	4.034	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	268413	3.266	ng/ul	98
87) Chrysene	21.344	228	434840	4.149	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	455718	3.371	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	432889	4.283	ng/ul	99
91) Benzo(k)fluoranthene	22.933	252	417492	4.217	ng/ul	99
93) Benzo(a)pyrene	23.468	252	395319	4.181	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.838	276	420719	3.967	ng/ul	95
95) Dibenzo(a,h)anthracene	25.856	278	352983	3.992	ng/ul	99
96) Benzo(g,h,i)perylene	26.532	276	333418	3.940	ng/ul	97

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

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