Quantitation Report (Qedit)

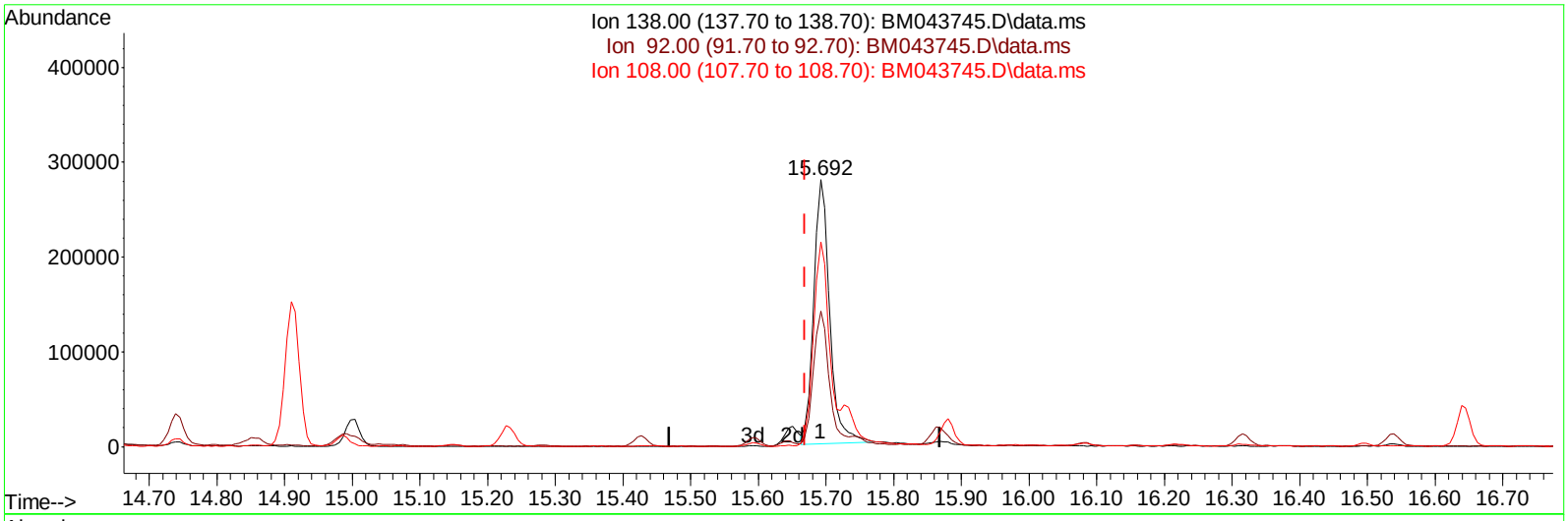
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043745.D
Acq On : 03 Jan 2024 22:21
Operator : MA/JU
Sample : 05951-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

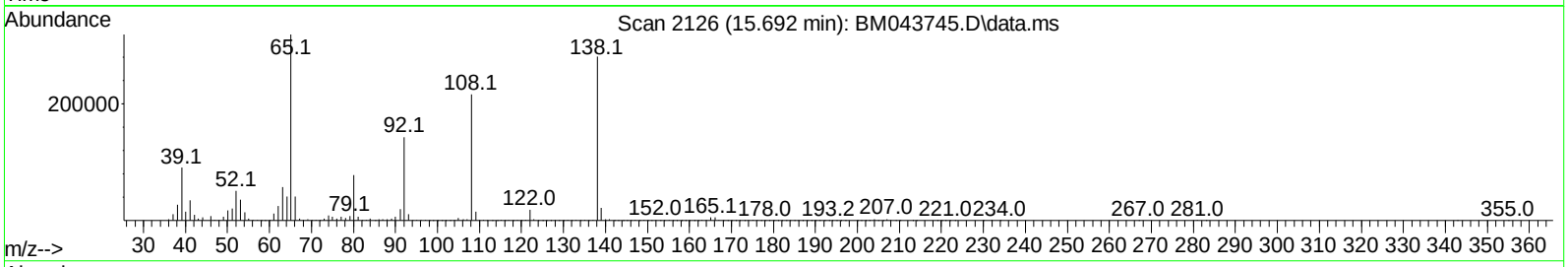
Quant Time: Jan 03 23:01:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

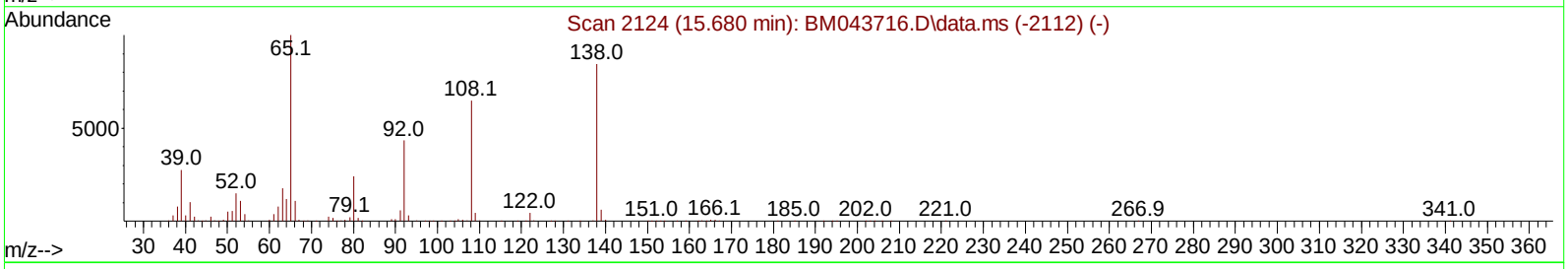
Instrument :
BNA_M
ClientSampleId :
GCF67MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024







TIC: BM043745.D\data.ms

(63) 4-Nitroaniline

15.692min (+ 0.023) 32.88 ng/ul

response 456897

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.90	50.86
108.00	83.80	76.65
0.00	0.00	0.00

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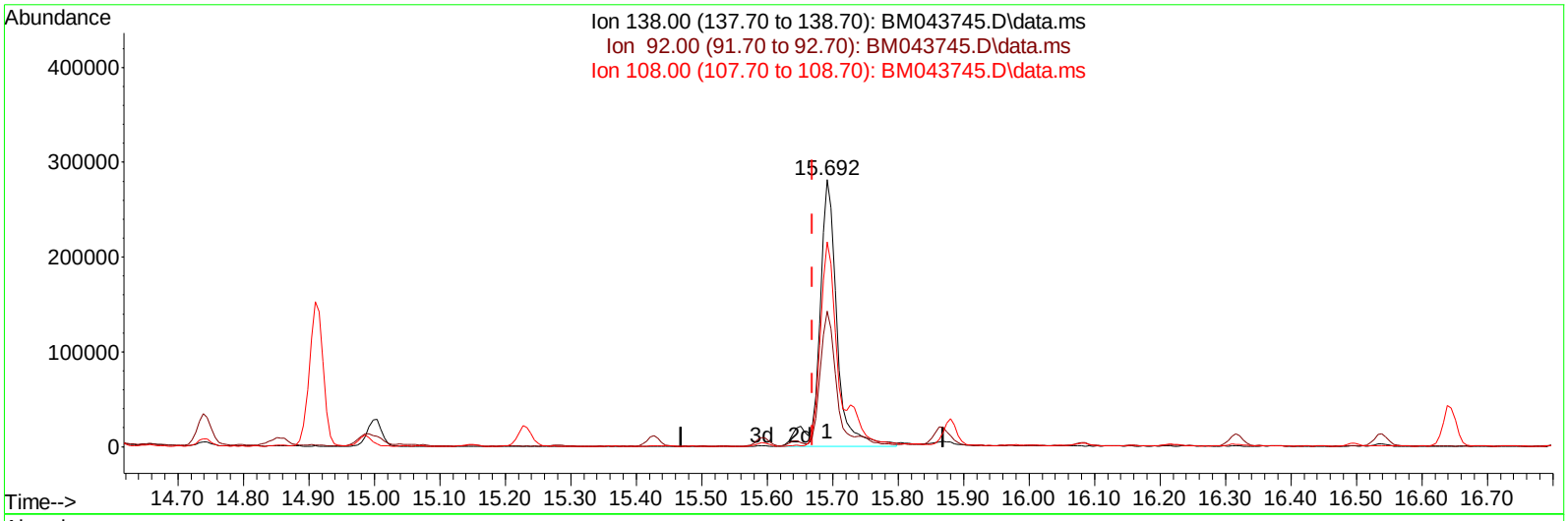

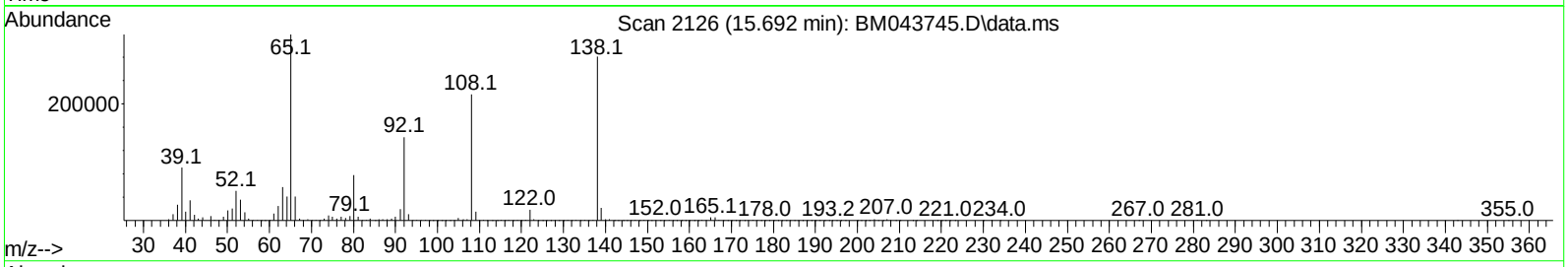

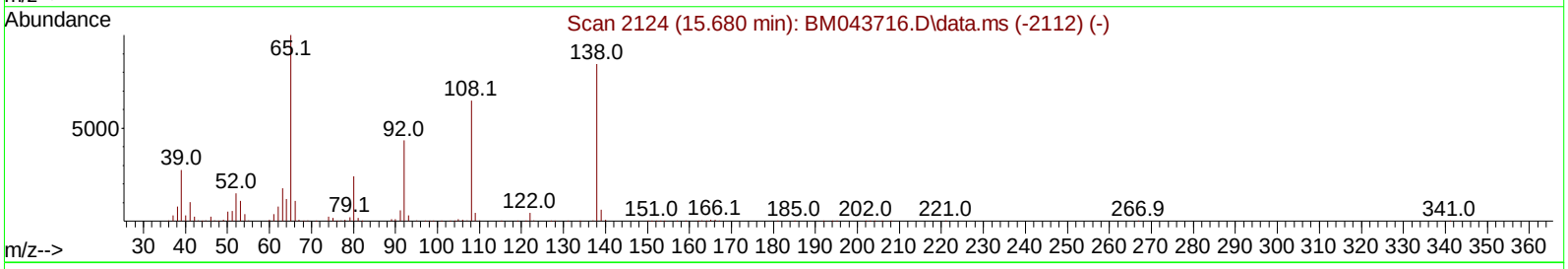

TIC: BM043745.D\data.ms

(63) 4-Nitroaniline

15.692min (+ 0.023) 37.34 ng/ul m

response 518872

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.90	50.86
108.00	83.80	76.65
0.00	0.00	0.00

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Misc :
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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	7.957	152	309357	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	1332474	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	769391	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1567847	20.000	ng/ul	0.01
79) Chrysene-d12	21.533	240	1374605	20.000	ng/ul	0.01
88) Perylene-d12	23.962	264	1533096	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	29014	3.048	ng/uL	0.00
4) Pyridine-d5	3.799	84	215004	7.848	ng/ul	0.01
7) Phenol-d5	7.140	99	656277	18.649	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.298	67	386259	17.331	ng/ul	0.00
11) 2-Chlorophenol-d4	7.492	132	524550	19.522	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	463153	16.960	ng/ul	0.02
21) Nitrobenzene-d5	9.139	128	264637	20.527	ng/ul	0.01
24) 2-Nitrophenol-d4	9.857	143	297452	22.331	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	544196	23.143	ng/ul	0.02
31) 4-Chloroaniline-d4	10.922	131	362114	10.468	ng/ul	0.01
46) Dimethylphthalate-d6	14.021	166	1468663	21.205	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	1800159	21.910	ng/ul	0.01
54) 4-Nitrophenol-d4	14.839	143	250750	19.128	ng/ul	0.05
60) Fluorene-d10	15.592	176	1298876	22.679	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	178730	17.237	ng/ul	0.02
73) Anthracene-d10	17.451	188	1884565	21.433	ng/ul	0.01
81) Pyrene-d10	19.739	212	2156586	19.872	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.803	264	2075262	21.936	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	89835	8.543	ng/uL	95
5) Pyridine	3.816	79	632833	22.337	ng/ul	99
6) Benzaldehyde	7.110	77	596564	35.752	ng/ul	97
8) Phenol	7.169	94	1055988	30.500	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.392	93	778460	27.696	ng/ul	98
12) 2-Chlorophenol	7.528	128	819046	29.923	ng/ul	96
13) 2-Methylphenol	8.422	108	762776	29.015	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	1286255	27.251	ng/ul	100
16) Acetophenone	8.798	105	1369035	32.744	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.781	70	649881	26.043	ng/ul	98
18) 4-Methylphenol	8.751	108	834815	29.300	ng/ul	98
19) Hexachloroethane	9.028	117	300828	26.065	ng/ul	90
22) Nitrobenzene	9.181	77	932019	29.212	ng/ul	99
23) Isophorone	9.710	82	1834217	28.341	ng/ul	98
25) 2-Nitrophenol	9.886	139	466724	32.968	ng/ul	97
26) 2,4-Dimethylphenol	9.957	107	598639	23.738	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.192	93	1062766	27.810	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	791080	34.666	ng/ul	96
30) Naphthalene	10.822	128	2679083	31.548	ng/ul	100
32) 4-Chloroaniline	10.951	127	595874	17.913	ng/ul	98
33) Hexachlorobutadiene	11.080	225	428765	36.852	ng/ul	100
34) Caprolactam	11.763	113	277440	38.045	ng/ul	98
35) 4-Chloro-3-methylphenol	12.080	107	866731	32.336	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.427	142	1819841	31.481	ng/ul	100
37) 1-Methylnaphthalene	12.645	142	1804771	30.953	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.792	216	840220	35.842	ng/ul#	95
40) Hexachlorocyclopentadiene	12.751	237	142322	9.676	ng/ul	97
41) 2,4,6-Trichlorophenol	13.045	196	618265	37.103	ng/ul	97
42) 2,4,5-Trichlorophenol	13.122	196	668800	37.800	ng/ul	99
43) 1,1'-Biphenyl	13.439	154	2291424	31.243	ng/ul	99
44) 2-Chloronaphthalene	13.480	162	1847626	32.859	ng/ul	98
45) 2-Nitroaniline	13.704	65	599894	31.815	ng/ul	93
47) Dimethylphthalate	14.069	163	2239786	32.745	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	472061	35.697	ng/ul	96
50) Acenaphthylene	14.327	152	3087660	32.725	ng/ul	100
51) 3-Nitroaniline	14.533	138	454553	29.942	ng/ul	95
52) Acenaphthene	14.663	153	2042364	32.844	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	177993	25.284	ng/ul	97
55) 4-Nitrophenol	14.857	109	319655	31.403	ng/ul	97
56) Dibenzofuran	15.004	168	2721896	33.892	ng/ul	96
57) 2,4-Dinitrotoluene	14.986	165	680800	36.439	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.233	232	551209	40.662	ng/ul	88
59) Diethylphthalate	15.427	149	2373673	33.864	ng/ul	98
61) Fluorene	15.651	166	2376535	34.639	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	1070365	35.467	ng/ul	94
63) 4-Nitroaniline	15.692	138	518872m	37.341	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.745	198	290696	26.258	ng/ul	91
67) N-Nitrosodiphenylamine	15.863	169	1899062	31.535	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	652014	35.102	ng/ul	94
69) Hexachlorobenzene	16.645	284	782975	36.793	ng/ul	93
70) Atrazine	16.821	200	552429	41.850	ng/ul	98
71) Pentachlorophenol	16.998	266	644420	50.091	ng/ul	99
72) Phenanthrene	17.392	178	3591015	33.794	ng/ul	99
74) Anthracene	17.486	178	3526570	32.884	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	850111	33.016	ng/uL	99
76) Pentachlorobenzene	14.916	250	842672	33.611	ng/uL	97
77) Carbazole	17.768	167	3377229	36.898	ng/ul	99
78) Di-n-butylphthalate	18.321	149	4347519	36.333	ng/ul	100
80) Fluoranthene	19.409	202	4010471	29.842	ng/ul	94
82) Pyrene	19.768	202	4154154	30.068	ng/ul	96
83) Butylbenzylphthalate	20.674	149	2016174	33.753	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.456	252	357954	10.573	ng/ul	98
85) Benzo(a)anthracene	21.521	228	3938750	34.267	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	3237026	38.064	ng/ul#	98
87) Chrysene	21.574	228	3660810	35.402	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	5073118	34.592	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3862039	32.873	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	4000991	34.917	ng/ul	99
93) Benzo(a)pyrene	23.856	252	3573095	33.335	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.497	276	4692020	36.660	ng/ul	97
95) Dibenzo(a,h)anthracene	26.521	278	3890627	36.711	ng/ul	98
96) Benzo(g,h,i)perylene	27.279	276	3489972	34.786	ng/ul	95

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

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