Quantitation Report (Qedit)

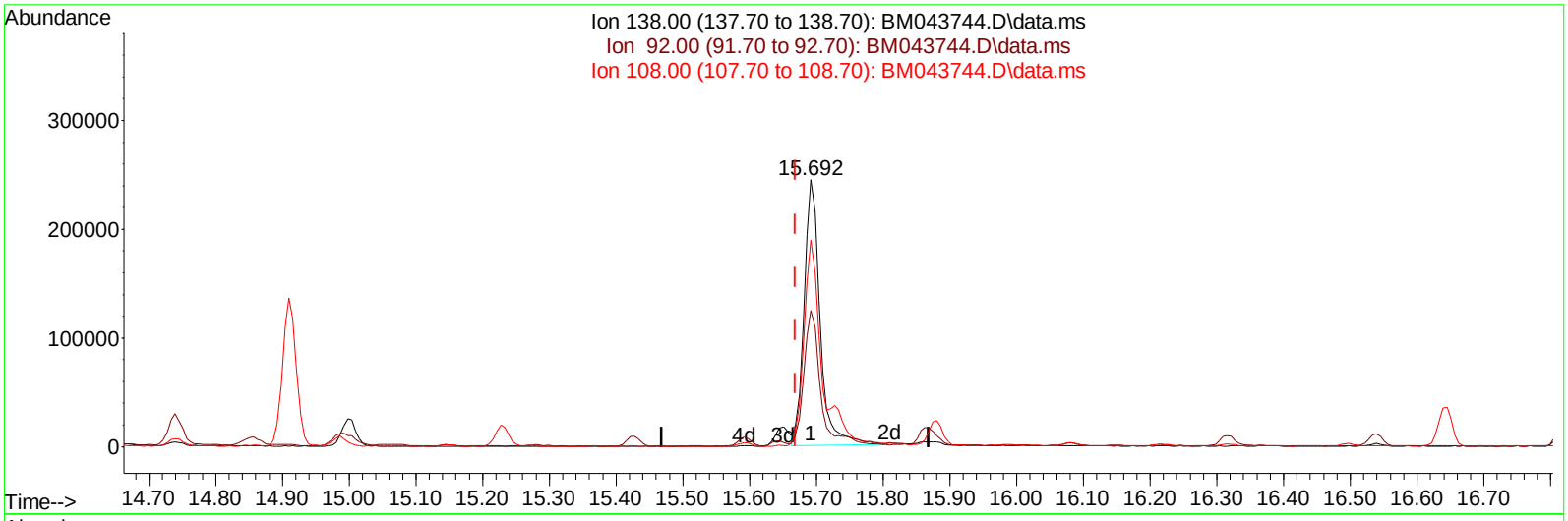
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043744.D
Acq On : 03 Jan 2024 21:45
Operator : MA/JU
Sample : 05951-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

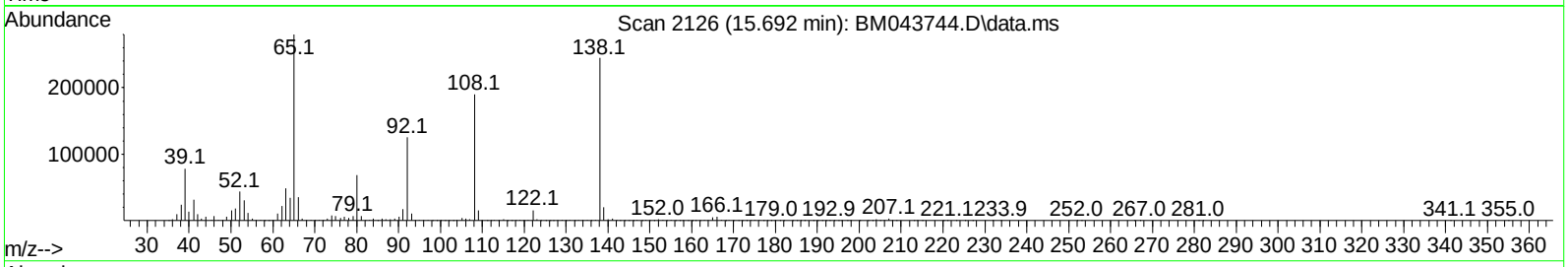
Quant Time: Jan 03 23:01:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

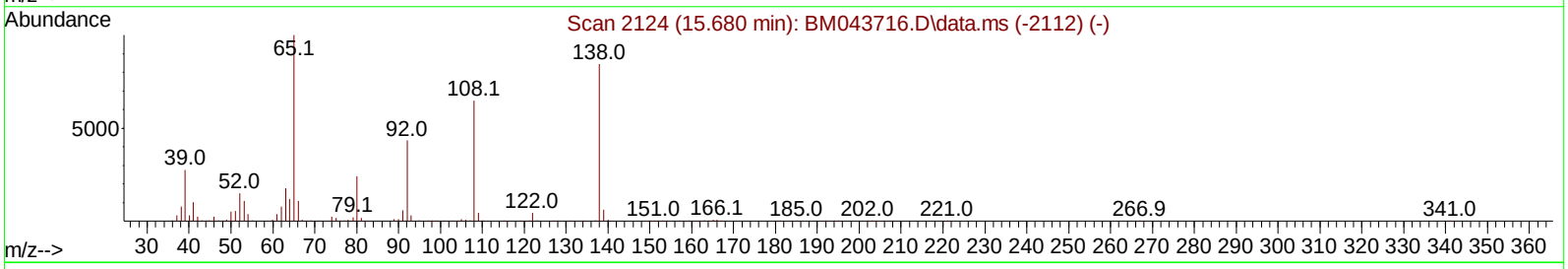
Instrument :
BNA_M
ClientSampleId :
GCF67MS

Manual IntegrationsAPPROVED

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







TIC: BM043744.D\data.ms

(63) 4-Nitroaniline

15.692min (+ 0.023) 32.62 ng/ul

response 406608

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.90	51.01
108.00	83.80	77.44
0.00	0.00	0.00

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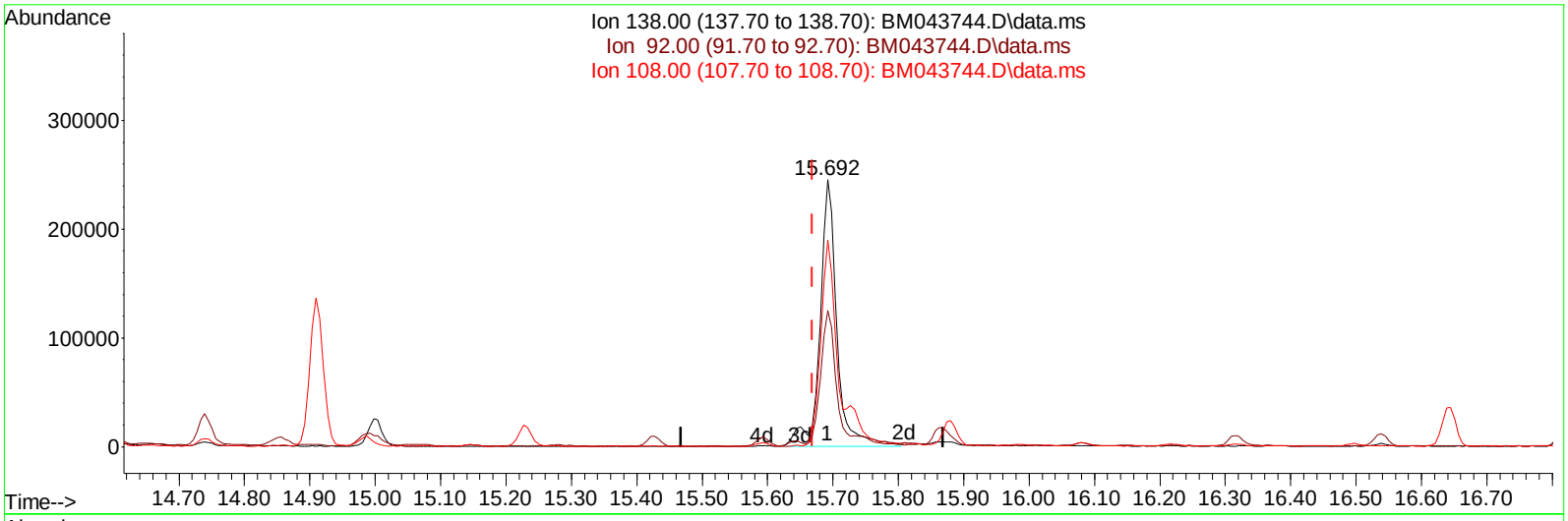

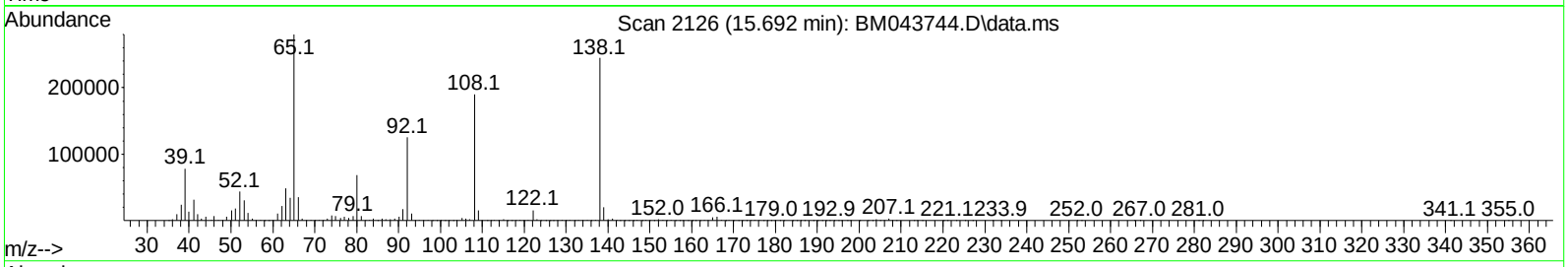

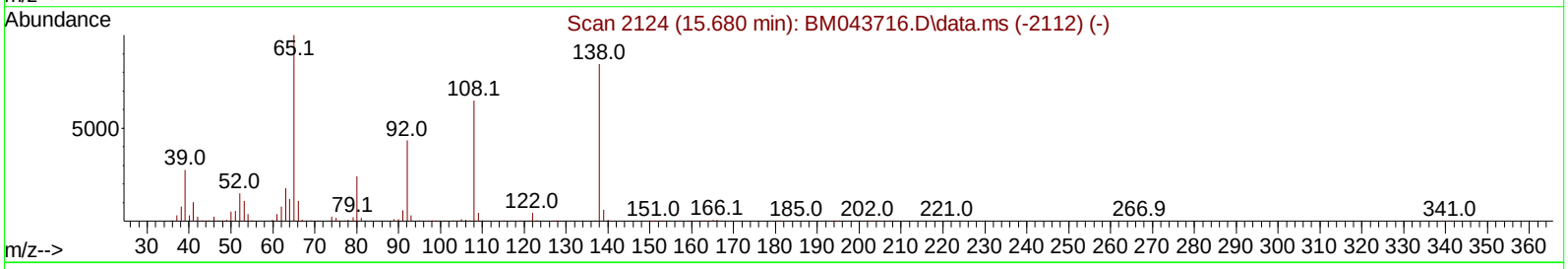

TIC: BM043744.D\data.ms

(63) 4-Nitroaniline

15.692min (+ 0.023) 35.82 ng/ul m

response 446532

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.90	51.01
108.00	83.80	77.44
0.00	0.00	0.00

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Acq On : 03 Jan 2024 21:45
Operator : MA/JU
Sample : 05951-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 03 23:02:39 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 :
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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	278358	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	1194155	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	690252	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1381929	20.000	ng/ul	0.01
79) Chrysene-d12	21.533	240	1187661	20.000	ng/ul	0.01
88) Perylene-d12	23.956	264	1340065	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	25867	3.020	ng/uL	0.00
4) Pyridine-d5	3.799	84	190561	7.731	ng/ul	0.01
7) Phenol-d5	7.140	99	564514	17.827	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.298	67	334143	16.662	ng/ul	0.00
11) 2-Chlorophenol-d4	7.492	132	449763	18.603	ng/ul	0.00
15) 4-Methylphenol-d8	8.686	113	398764	16.228	ng/ul	0.02
21) Nitrobenzene-d5	9.139	128	227204	19.665	ng/ul	0.01
24) 2-Nitrophenol-d4	9.857	143	260060	21.785	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	471969	22.396	ng/ul	0.02
31) 4-Chloroaniline-d4	10.928	131	320339	10.333	ng/ul	0.02
46) Dimethylphthalate-d6	14.021	166	1286359	20.702	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	1575770	21.378	ng/ul	0.01
54) 4-Nitrophenol-d4	14.839	143	216953	18.447	ng/ul	0.05
60) Fluorene-d10	15.592	176	1114859	21.697	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	153268	16.770	ng/ul	0.02
73) Anthracene-d10	17.451	188	1616842	20.862	ng/ul	0.01
81) Pyrene-d10	19.739	212	1843549	19.661	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.803	264	1755882	21.233	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	82384	8.706	ng/uL	94
5) Pyridine	3.816	79	548843	21.530	ng/ul	99
6) Benzaldehyde	7.110	77	512328	34.123	ng/ul	96
8) Phenol	7.169	94	913458	29.322	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.392	93	677508	26.789	ng/ul	98
12) 2-Chlorophenol	7.528	128	714595	29.014	ng/ul	96
13) 2-Methylphenol	8.422	108	662045	27.987	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.486	45	1118351	26.333	ng/ul	99
16) Acetophenone	8.798	105	1183880	31.469	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.781	70	561469	25.005	ng/ul	99
18) 4-Methylphenol	8.751	108	713509	27.831	ng/ul	98
19) Hexachloroethane	9.028	117	260319	25.067	ng/ul	89
22) Nitrobenzene	9.181	77	816896	28.569	ng/ul	100
23) Isophorone	9.710	82	1609952	27.757	ng/ul	98
25) 2-Nitrophenol	9.886	139	407810	32.143	ng/ul	96
26) 2,4-Dimethylphenol	9.957	107	478571	21.175	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.192	93	925372	27.020	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	682881	33.391	ng/ul	96
30) Naphthalene	10.822	128	2333550	30.662	ng/ul	100
32) 4-Chloroaniline	10.951	127	500880	16.801	ng/ul	98
33) Hexachlorobutadiene	11.080	225	369119	35.400	ng/ul	98
34) Caprolactam	11.757	113	241823	37.002	ng/ul	97
35) 4-Chloro-3-methylphenol	12.080	107	751242	31.274	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.427	142	1585522	30.605	ng/ul	100
37) 1-Methylnaphthalene	12.645	142	1560954	29.873	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.792	216	720186	34.243	ng/ul#	97
40) Hexachlorocyclopentadiene	12.751	237	111385	8.441	ng/ul	100
41) 2,4,6-Trichlorophenol	13.045	196	533166	35.665	ng/ul	98
42) 2,4,5-Trichlorophenol	13.121	196	575339	36.246	ng/ul	98
43) 1,1'-Biphenyl	13.439	154	2008439	30.524	ng/ul	99
44) 2-Chloronaphthalene	13.480	162	1605066	31.818	ng/ul	99
45) 2-Nitroaniline	13.704	65	516263	30.519	ng/ul	94
47) Dimethylphthalate	14.068	163	1945030	31.696	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	405872	34.211	ng/ul	95
50) Acenaphthylene	14.327	152	2694279	31.830	ng/ul	99
51) 3-Nitroaniline	14.533	138	384510	28.232	ng/ul	96
52) Acenaphthene	14.663	153	1774993	31.817	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	150828	23.882	ng/ul	96
55) 4-Nitrophenol	14.857	109	273596	29.960	ng/ul	96
56) Dibenzofuran	14.998	168	2380667	33.042	ng/ul	98
57) 2,4-Dinitrotoluene	14.986	165	591281	35.276	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.233	232	474826	39.043	ng/ul	88
59) Diethylphthalate	15.427	149	2040561	32.449	ng/ul	99
61) Fluorene	15.651	166	2039298	33.131	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.645	204	921258	34.026	ng/ul	93
63) 4-Nitroaniline	15.692	138	446532m	35.820	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.745	198	245700	25.180	ng/ul	91
67) N-Nitrosodiphenylamine	15.862	169	1633624	30.777	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	561333	34.286	ng/ul	95
69) Hexachlorobenzene	16.645	284	674869	35.980	ng/ul	93
70) Atrazine	16.821	200	474179	40.755	ng/ul	99
71) Pentachlorophenol	17.004	266	562245	49.583	ng/ul	99
72) Phenanthrene	17.392	178	3088236	32.972	ng/ul	100
74) Anthracene	17.486	178	3006061	31.802	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	734418	32.361	ng/uL	100
76) Pentachlorobenzene	14.910	250	731549	33.104	ng/uL	98
77) Carbazole	17.768	167	2917934	36.169	ng/ul	99
78) Di-n-butylphthalate	18.321	149	3747653	35.533	ng/ul	100
80) Fluoranthene	19.409	202	3425021	29.497	ng/ul	95
82) Pyrene	19.768	202	3548825	29.729	ng/ul	97
83) Butylbenzylphthalate	20.668	149	1722876	33.383	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.456	252	283683	9.698	ng/ul	98
85) Benzo(a)anthracene	21.521	228	3301326	33.242	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.444	149	2697583	36.714	ng/ul	99
87) Chrysene	21.574	228	3113249	34.846	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	4357987	33.996	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3311825	32.250	ng/ul	98
91) Benzo(k)fluoranthene	23.268	252	3383136	33.778	ng/ul	99
93) Benzo(a)pyrene	23.856	252	3026066	32.298	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.497	276	3969771	35.485	ng/ul	97
95) Dibenzo(a,h)anthracene	26.515	278	3297177	35.593	ng/ul	98
96) Benzo(g,h,i)perylene	27.268	276	2970217	33.870	ng/ul	96

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

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