Quantitation Report (Qedit)

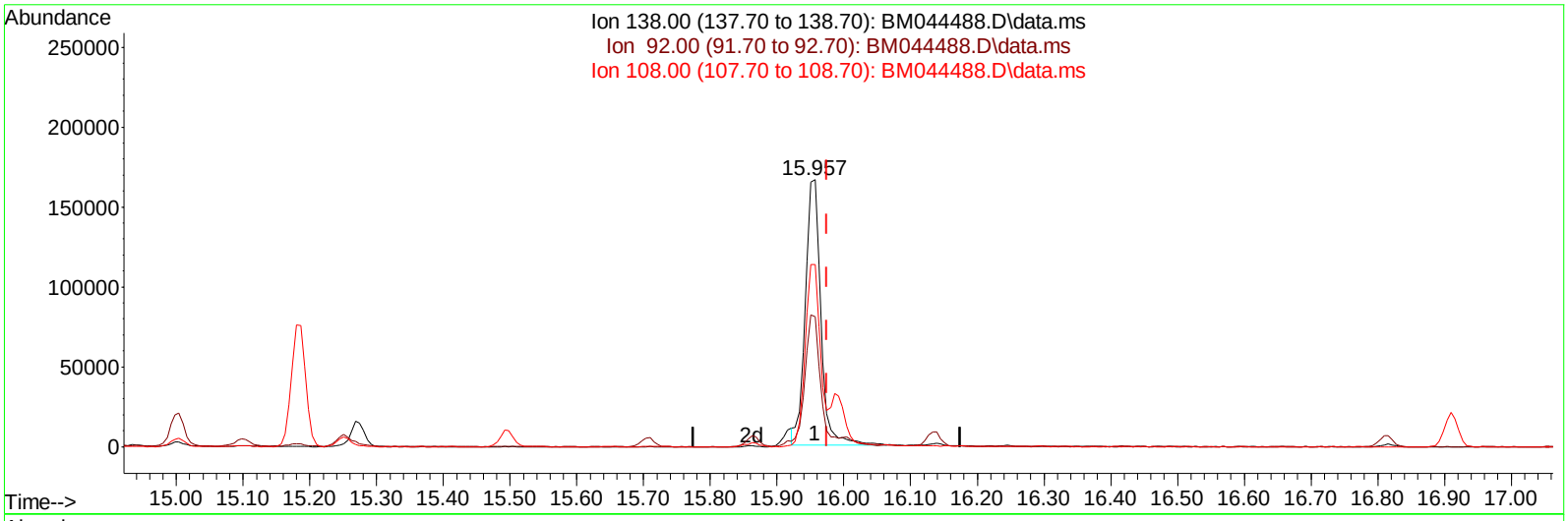
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044488.D
Acq On : 02 Mar 2024 01:45
Operator : MA/JU
Sample : PB159231BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

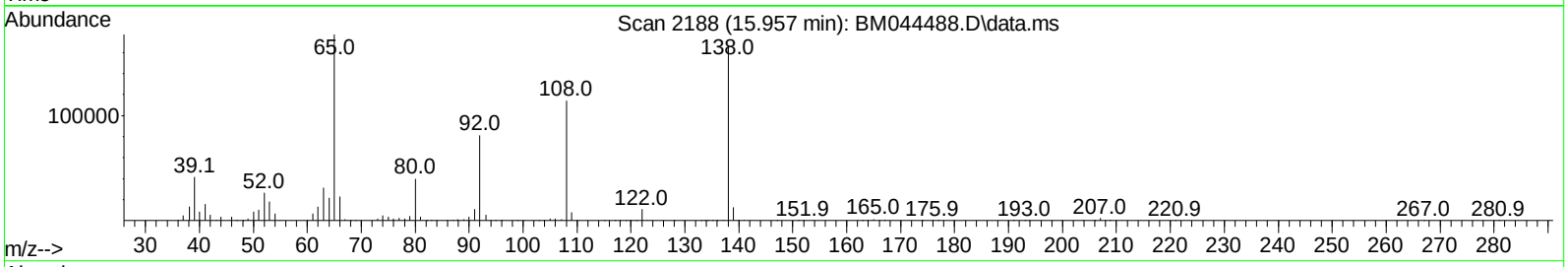
Quant Time: Mar 02 03:32:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 02 03:32:29 2024
Response via : Initial Calibration

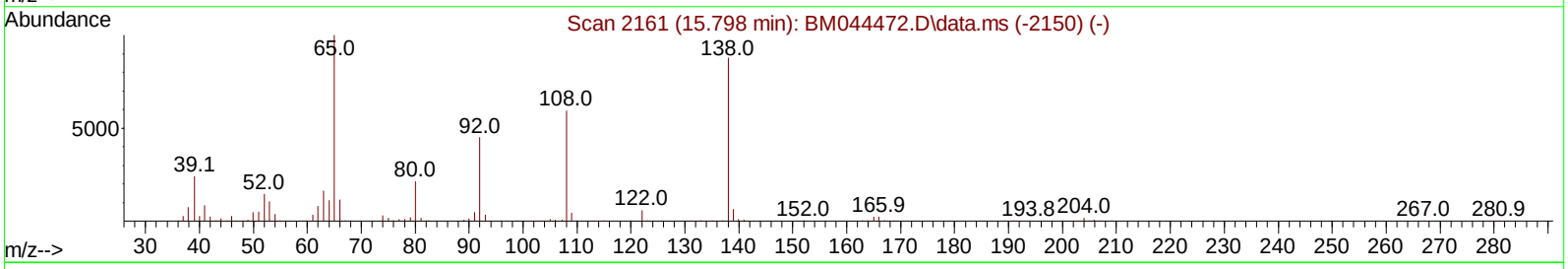
Instrument :
BNA_M
ClientSampleId :
SLCS231

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024







TIC: BM044488.D\data.ms

(63) 4-Nitroaniline

15.957min (-0.018) 38.36 ng/ul

response 268439

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.10	48.59
108.00	68.90	68.36
0.00	0.00	0.00

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ClientSampleId :
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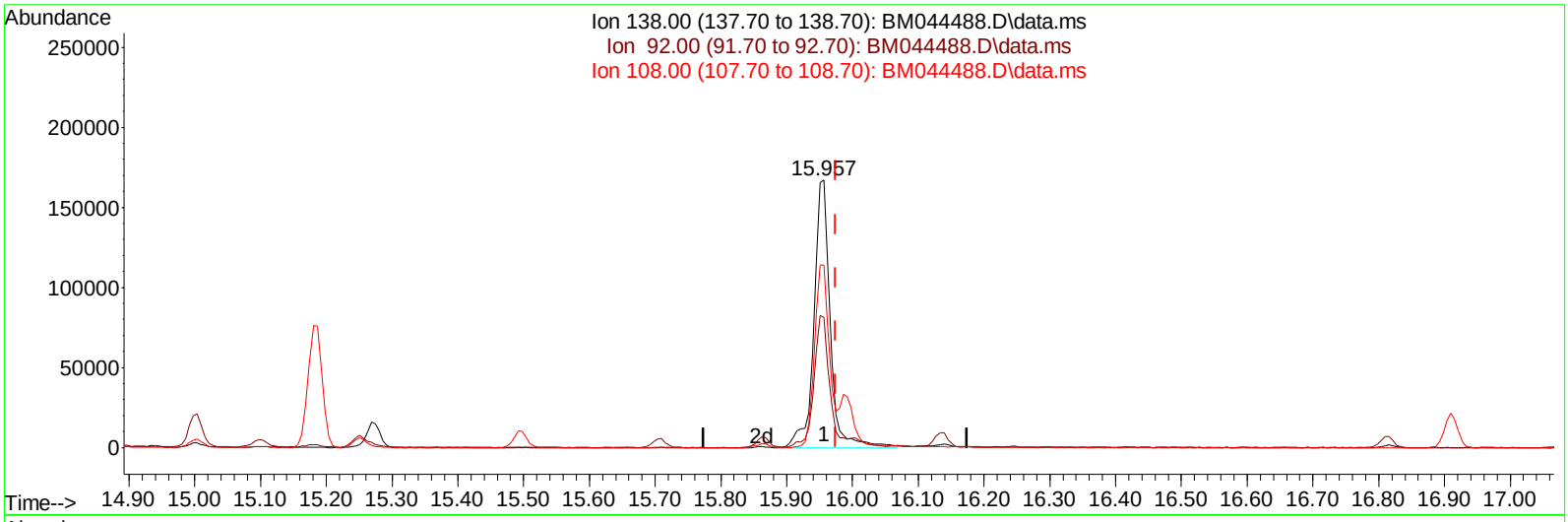

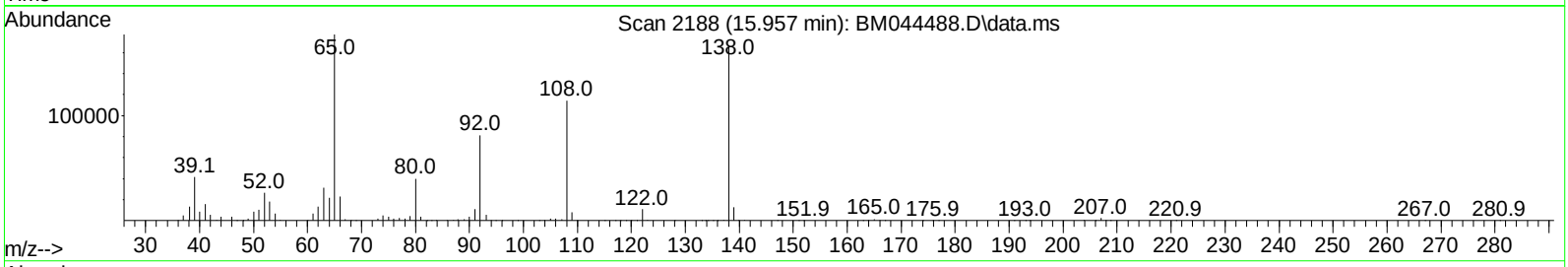

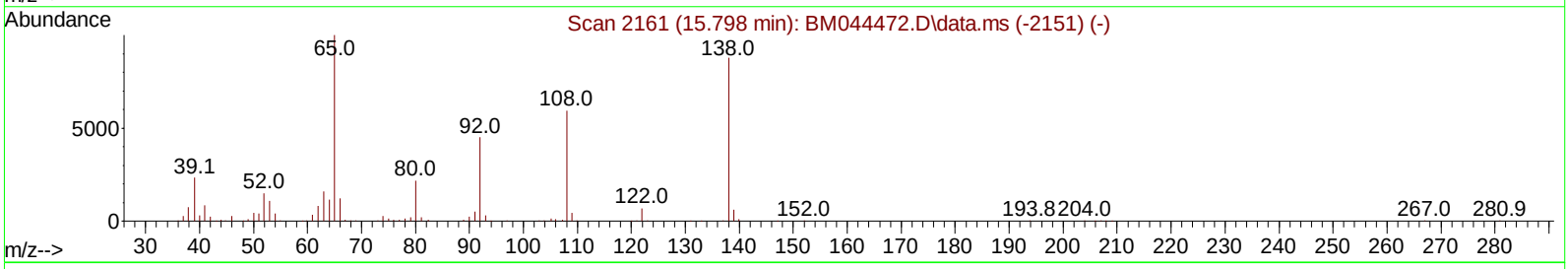

TIC: BM044488.D\data.ms

(63) 4-Nitroaniline

15.957min (-0.018) 41.38 ng/ul m

response 289606

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.10	48.59
108.00	68.90	68.36
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB159231BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 02 03:37:06 2024
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 03/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	210632	20.000	ng/ul	-0.03
20) Naphthalene-d8	11.069	136	849163	20.000	ng/ul	-0.03
38) Acenaphthene-d10	14.874	164	465248	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.615	188	896730	20.000	ng/ul	-0.02
79) Chrysene-d12	21.798	240	875846	20.000	ng/ul	-0.02
88) Perylene-d12	24.415	264	1000757	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.469	96	41124	6.160	ng/uL	-0.01
4) Pyridine-d5	3.910	84	571089	31.323	ng/ul	-0.02
7) Phenol-d5	7.381	99	636440	31.542	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.557	67	403085	30.849	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.740	132	509208	33.507	ng/ul	-0.02
15) 4-Methylphenol-d8	8.963	113	472038	30.918	ng/ul	-0.02
21) Nitrobenzene-d5	9.416	128	243775	35.307	ng/ul	-0.03
24) 2-Nitrophenol-d4	10.145	143	260486	36.979	ng/ul	-0.03
28) 2,4-Dichlorophenol-d3	10.686	165	441437	35.526	ng/ul	-0.03
31) 4-Chloroaniline-d4	11.222	131	585555	28.058	ng/ul	-0.03
46) Dimethylphthalate-d6	14.304	166	1153710	32.153	ng/ul	-0.02
49) Acenaphthylene-d8	14.569	160	1423386	34.478	ng/ul	-0.02
54) 4-Nitrophenol-d4	15.086	143	238740	33.437	ng/ul	-0.02
60) Fluorene-d10	15.863	176	1005074	33.094	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.992	200	171583	30.838	ng/ul	-0.02
73) Anthracene-d10	17.715	188	1489143	34.828	ng/ul	-0.02
81) Pyrene-d10	19.992	212	1768567	33.564	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.244	264	1857246	36.218	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	88800	12.620	ng/uL	93
5) Pyridine	3.928	79	607204	31.834	ng/ul	98
6) Benzaldehyde	7.351	77	299558	34.201	ng/ul	98
8) Phenol	7.410	94	682478	32.539	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.651	93	559797	31.887	ng/ul	99
12) 2-Chlorophenol	7.775	128	537883	34.211	ng/ul	97
13) 2-Methylphenol	8.687	108	492392	31.865	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.769	45	740732	30.860	ng/ul	97
16) Acetophenone	9.075	105	775445	31.791	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.063	70	397127	32.501	ng/ul	99
18) 4-Methylphenol	9.022	108	526798	32.004	ng/ul	99
19) Hexachloroethane	9.310	117	226193	33.913	ng/ul	97
22) Nitrobenzene	9.457	77	585837	35.085	ng/ul	98
23) Isophorone	9.998	82	1093118	33.778	ng/ul	98
25) 2-Nitrophenol	10.181	139	284709	36.442	ng/ul	97
26) 2,4-Dimethylphenol	10.245	107	401093	26.887	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.498	93	709390	33.720	ng/ul	99
29) 2,4-Dichlorophenol	10.716	162	446675	35.519	ng/ul	98
30) Naphthalene	11.122	128	1650318	34.172	ng/ul	100
32) 4-Chloroaniline	11.251	127	489963	24.093	ng/ul	100
33) Hexachlorobutadiene	11.398	225	266759	35.209	ng/ul	98
34) Caprolactam	12.033	113	137507	31.632	ng/ul	97
35) 4-Chloro-3-methylphenol	12.369	107	471085	35.161	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.722	142	1030676	33.506	ng/ul	100
37) 1-Methylnaphthalene	12.939	142	1020609	33.562	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.080	216	483829	35.130	ng/ul	99
40) Hexachlorocyclopentadiene	13.051	237	267120	28.827	ng/ul	98
41) 2,4,6-Trichlorophenol	13.327	196	301922	34.392	ng/ul	98
42) 2,4,5-Trichlorophenol	13.392	196	333187	35.108	ng/ul	97
43) 1,1'-Biphenyl	13.722	154	1274966	33.661	ng/ul	98
44) 2-Chloronaphthalene	13.763	162	1018870	34.355	ng/ul	100
45) 2-Nitroaniline	13.980	65	304627	37.099	ng/ul	94
47) Dimethylphthalate	14.351	163	1198634	32.684	ng/ul	99
48) 2,6-Dinitrotoluene	14.474	165	242632	35.378	ng/ul	98
50) Acenaphthylene	14.598	152	1662267	33.994	ng/ul	99
51) 3-Nitroaniline	14.798	138	259266	35.833	ng/ul	95
52) Acenaphthene	14.939	153	1068653	33.104	ng/ul	100
53) 2,4-Dinitrophenol	15.004	184	108833	25.573	ng/ul	95
55) 4-Nitrophenol	15.098	109	166301	33.904	ng/ul	97
56) Dibenzofuran	15.274	168	1429314	32.982	ng/ul	100
57) 2,4-Dinitrotoluene	15.251	165	351816	35.707	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.498	232	246592	32.287	ng/ul	96
59) Diethylphthalate	15.704	149	1230036	32.584	ng/ul	99
61) Fluorene	15.921	166	1149492	33.026	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.921	204	546494	33.316	ng/ul	100
63) 4-Nitroaniline	15.957	138	289606m	41.384	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.004	198	188232	30.925	ng/ul	97
67) N-Nitrosodiphenylamine	16.133	169	972083	35.771	ng/ul	99
68) 4-Bromophenyl-phenylether	16.815	248	322547	36.202	ng/ul	97
69) Hexachlorobenzene	16.910	284	362085	35.507	ng/ul	99
70) Atrazine	17.092	200	163854	18.407	ng/ul	98
71) Pentachlorophenol	17.263	266	208152	30.974	ng/ul	99
72) Phenanthrene	17.662	178	1806932	35.125	ng/ul	100
74) Anthracene	17.751	178	1826991	35.274	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.680	216	475898	37.912	ng/uL	99
76) Pentachlorobenzene	15.186	250	428924	35.794	ng/uL	98
77) Carbazole	18.033	167	1760014	36.139	ng/ul	100
78) Di-n-butylphthalate	18.604	149	2230119	36.166	ng/ul	100
80) Fluoranthene	19.662	202	2100485	33.238	ng/ul	99
82) Pyrene	20.021	202	2230093	33.649	ng/ul	100
83) Butylbenzylphthalate	20.933	149	1086958	36.515	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.715	252	671421	34.272	ng/ul	100
85) Benzo(a)anthracene	21.780	228	2354227	36.041	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.721	149	1664083	36.513	ng/ul	99
87) Chrysene	21.833	228	2188699	35.645	ng/ul	100
89) Di-n-octyl phthalate	22.739	149	3051235	35.586	ng/ul	100
90) Benzo(b)fluoranthene	23.609	252	2419134	37.706	ng/ul	99
91) Benzo(k)fluoranthene	23.662	252	2367837	35.934	ng/ul	100
93) Benzo(a)pyrene	24.297	252	2253125	36.425	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.232	276	2712277	36.259	ng/ul	96
95) Dibenzo(a,h)anthracene	27.274	278	2287487	36.594	ng/ul	99
96) Benzo(g,h,i)perylene	28.103	276	2181299	36.050	ng/ul	99

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

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