Quantitation Report (Qedit)

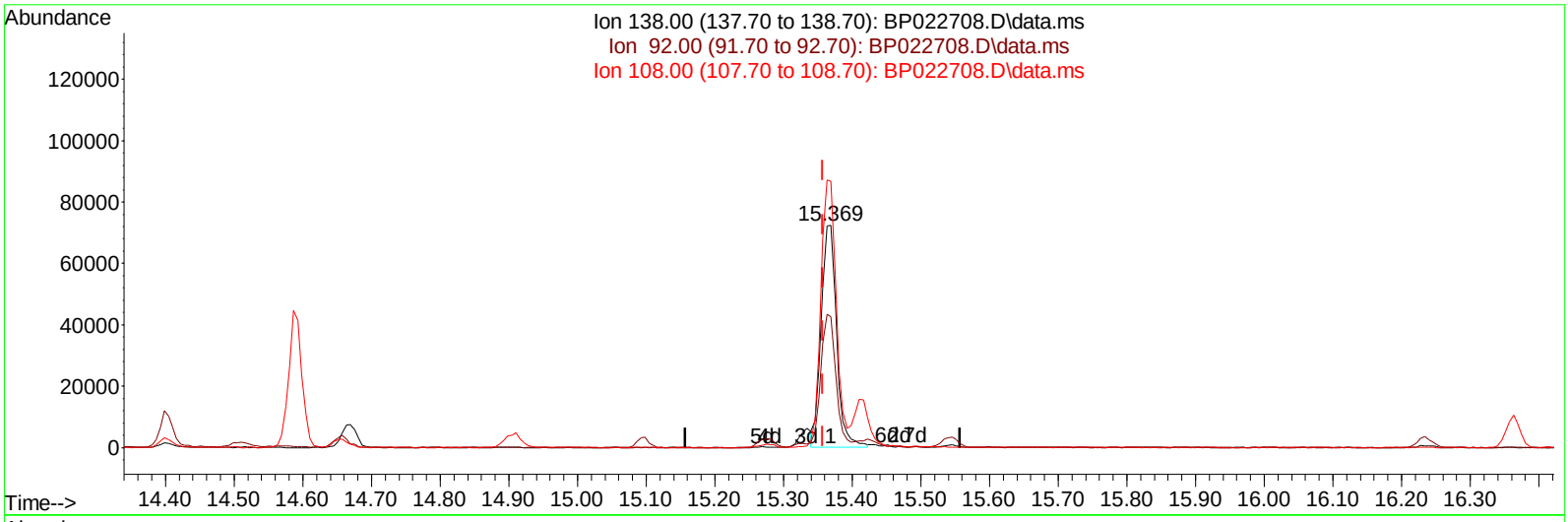
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022708.D
Acq On : 29 Oct 2024 10:27
Operator : RC/JU
Sample : PB164432BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

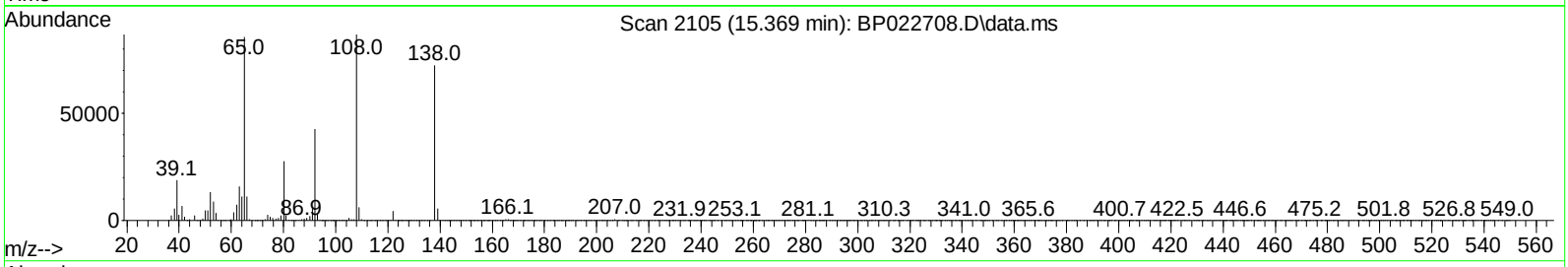
Quant Time: Oct 29 11:23:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 29 04:53:07 2024
Response via : Initial Calibration

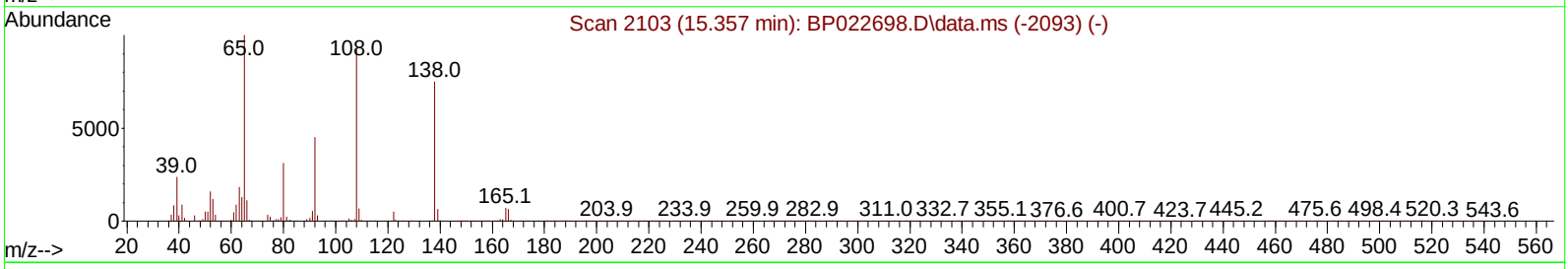
Instrument :
BNA_P
ClientSampleId :
SLCS432

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/30/2024
Supervised By :mohammad ahmed 10/30/2024







TIC: BP022708.D\data.ms

(63) 4-Nitroaniline

15.369min (+ 0.012) 31.37 ng/ul

response 112959

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	58.92
108.00	113.30	119.76
0.00	0.00	0.00

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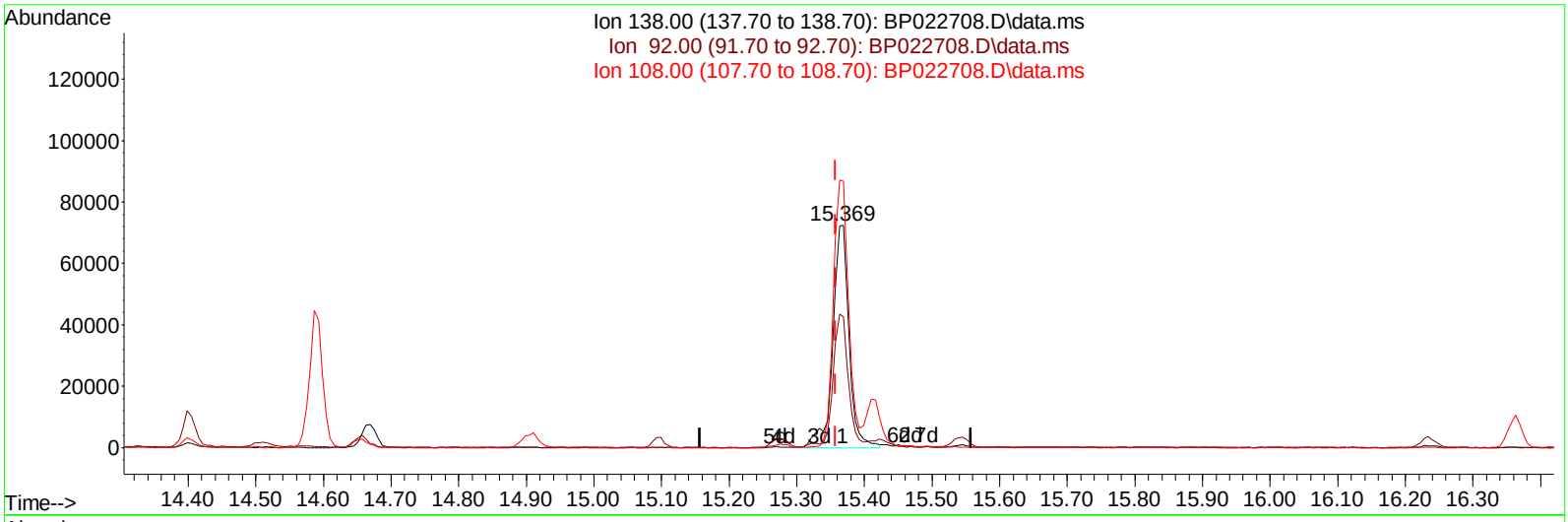

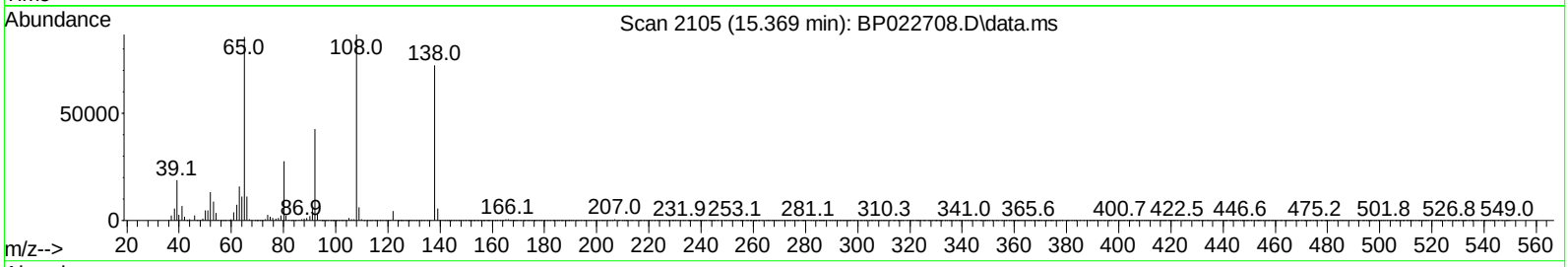

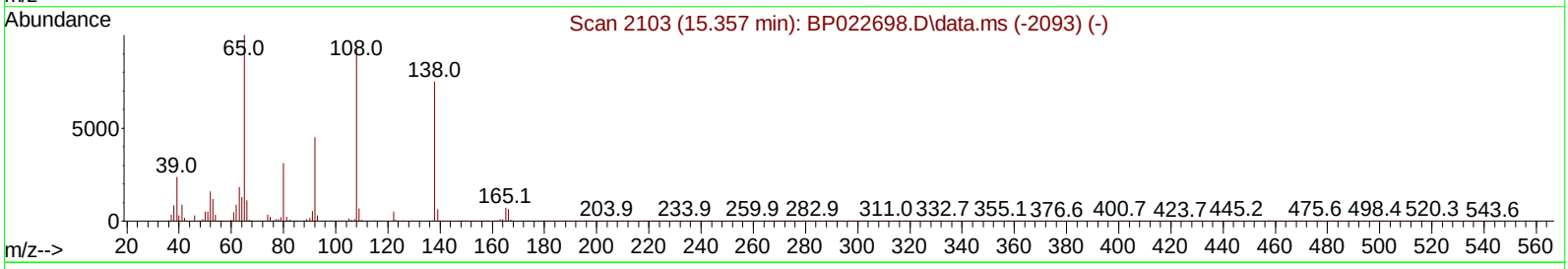

TIC: BP022708.D\data.ms

(63) 4-Nitroaniline

15.369min (+ 0.012) 33.56 ng/ul m

response 120874

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	58.92
108.00	113.30	119.76
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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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	7.640	152	80374	20.000	ng/ul	0.00
20) Naphthalene-d8	10.405	136	314488	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	254462	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	644482	20.000	ng/ul	0.01
79) Chrysene-d12	21.492	240	681044	20.000	ng/ul	0.01
88) Perylene-d12	24.733	264	778944	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	10611	5.130	ng/uL	0.00
4) Pyridine-d5	3.593	84	158266	27.874	ng/ul	0.00
7) Phenol-d5	6.840	99	194570	28.759	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	107851	27.122	ng/ul	0.00
11) 2-Chlorophenol-d4	7.187	132	145643	30.338	ng/ul	0.00
15) 4-Methylphenol-d8	8.352	113	157248	29.124	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	70079	28.981	ng/ul	0.00
24) 2-Nitrophenol-d4	9.505	143	84698	30.254	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	181549	30.512	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	186272	26.494	ng/ul	0.00
46) Dimethylphthalate-d6	13.669	166	561447	27.770	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	609229	28.371	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	90603	26.713	ng/ul	-0.01
60) Fluorene-d10	15.275	176	502710	28.667	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	109177	25.757	ng/ul	0.01
73) Anthracene-d10	17.163	188	852592	28.122	ng/ul	0.00
81) Pyrene-d10	19.551	212	1057303	29.357	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.521	264	1244348	29.912	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	22901	10.298	ng/uL	96
5) Pyridine	3.611	79	159160	27.338	ng/ul	94
6) Benzaldehyde	6.805	77	15661	4.283	ng/ul	95
8) Phenol	6.864	94	207573	29.489	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.081	93	148559	28.200	ng/ul	97
12) 2-Chlorophenol	7.222	128	150134	30.243	ng/ul	96
13) 2-Methylphenol	8.093	108	148015	28.975	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.158	45	165735	27.070	ng/ul	96
16) Acetophenone	8.458	105	245867	27.583	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.440	70	127497	28.231	ng/ul	99
18) 4-Methylphenol	8.416	108	162724	28.714	ng/ul	97
19) Hexachloroethane	8.705	117	67903	29.370	ng/ul	98
22) Nitrobenzene	8.828	77	195157	27.038	ng/ul	97
23) Isophorone	9.352	82	359448	27.775	ng/ul	99
25) 2-Nitrophenol	9.534	139	88448	29.315	ng/ul	96
26) 2,4-Dimethylphenol	9.599	107	186324	28.412	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.822	93	201563	27.430	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	178796	30.514	ng/ul	100
30) Naphthalene	10.457	128	476567	28.451	ng/ul	99
32) 4-Chloroaniline	10.563	127	111293	16.036	ng/ul	96
33) Hexachlorobutadiene	10.734	225	140659	28.482	ng/ul	98
34) Caprolactam	11.352	113	51124	27.064	ng/ul	96
35) 4-Chloro-3-methylphenol	11.704	107	195886	30.641	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	362113	29.450	ng/ul	99
37) 1-Methylnaphthalene	12.281	142	356169	28.380	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	267802	28.463	ng/ul	93
40) Hexachlorocyclopentadiene	12.410	237	103590	18.071	ng/ul	97
41) 2,4,6-Trichlorophenol	12.687	196	176270	29.784	ng/ul	99
42) 2,4,5-Trichlorophenol	12.763	196	189027	29.996	ng/ul	97
43) 1,1'-Biphenyl	13.081	154	514511	28.052	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	424318	28.260	ng/ul	99
45) 2-Nitroaniline	13.340	65	128217	28.599	ng/ul	97
47) Dimethylphthalate	13.716	163	560738	27.834	ng/ul	99
48) 2,6-Dinitrotoluene	13.840	165	117043	30.716	ng/ul	99
50) Acenaphthylene	13.987	152	630521	28.292	ng/ul	99
51) 3-Nitroaniline	14.181	138	101170	28.268	ng/ul	93
52) Acenaphthene	14.328	153	456062	28.940	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	70509	25.149	ng/ul	97
55) 4-Nitrophenol	14.510	109	106991	28.422	ng/ul	91
56) Dibenzofuran	14.669	168	689254	29.117	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	181588	30.667	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.904	232	179916	30.587	ng/ul	99
59) Diethylphthalate	15.092	149	560866	29.019	ng/ul	97
61) Fluorene	15.334	166	562975	29.188	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	321776	29.173	ng/ul	98
63) 4-Nitroaniline	15.369	138	120874m	33.564	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	121006	26.504	ng/ul	96
67) N-Nitrosodiphenylamine	15.545	169	481282	27.886	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	226985	29.206	ng/ul	95
69) Hexachlorobenzene	16.363	284	281266	29.401	ng/ul	100
70) Atrazine	16.522	200	213865	29.811	ng/ul	96
71) Pentachlorophenol	16.728	266	182969	29.746	ng/ul	97
72) Phenanthrene	17.110	178	963631	27.947	ng/ul	99
74) Anthracene	17.192	178	971455	28.232	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	267365	27.246	ng/uL	98
76) Pentachlorobenzene	14.593	250	293293	27.037	ng/uL	99
77) Carbazole	17.486	167	845456	27.768	ng/ul	98
78) Di-n-butylphthalate	18.069	149	958376	28.448	ng/ul	100
80) Fluoranthene	19.204	202	1270590	30.688	ng/ul	98
82) Pyrene	19.581	202	1316783	29.673	ng/ul	98
83) Butylbenzylphthalate	20.528	149	461650	29.880	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	468254	28.843	ng/ul	98
85) Benzo(a)anthracene	21.475	228	1350588	28.288	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	637715	28.756	ng/ul	100
87) Chrysene	21.533	228	1289090	29.119	ng/ul	100
89) Di-n-octyl phthalate	22.639	149	1075549	29.028	ng/ul	100
90) Benzo(b)fluoranthene	23.716	252	1450300	29.579	ng/ul#	99
91) Benzo(k)fluoranthene	23.780	252	1416801	29.514	ng/ul	99
93) Benzo(a)pyrene	24.592	252	1300578	28.821	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.421	276	1737132	28.847	ng/ul	98
95) Dibenzo(a,h)anthracene	28.504	278	1378214	28.263	ng/ul	99
96) Benzo(g,h,i)perylene	29.574	276	1321373	28.210	ng/ul	99

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

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