Quantitation Report (Qedit)

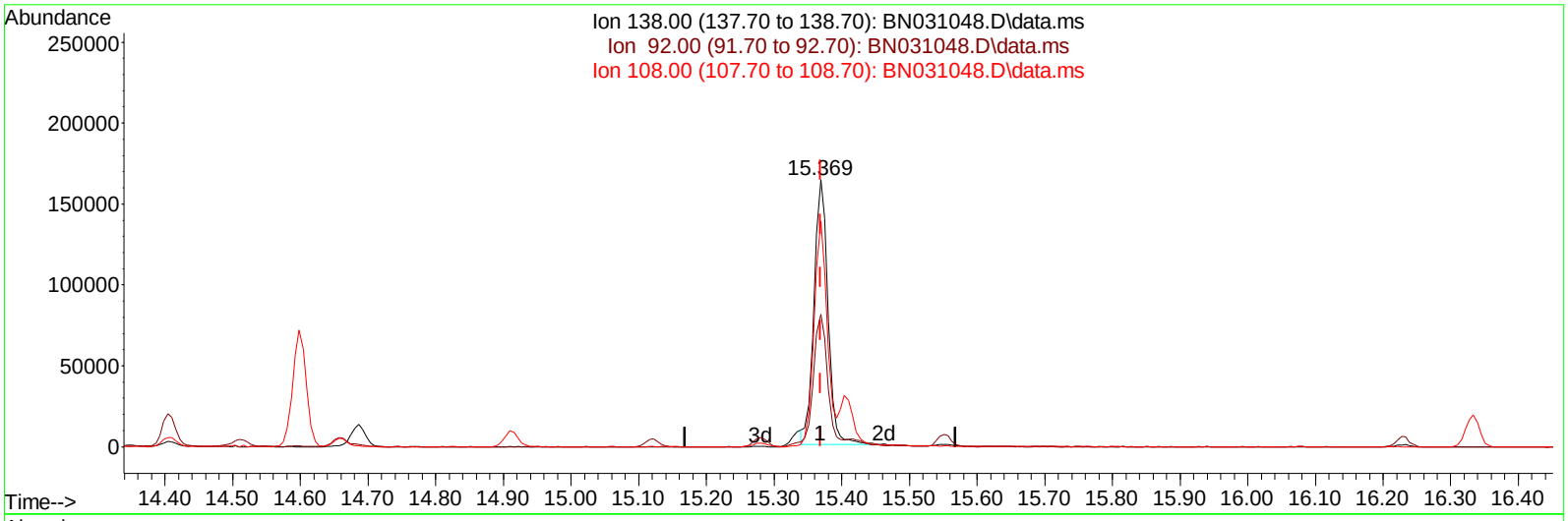
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031048.D
Acq On : 19 Apr 2024 19:43
Operator : MA/JU
Sample : SSTD04041
Misc :
ALS Vial : 95 Sample Multiplier: 1

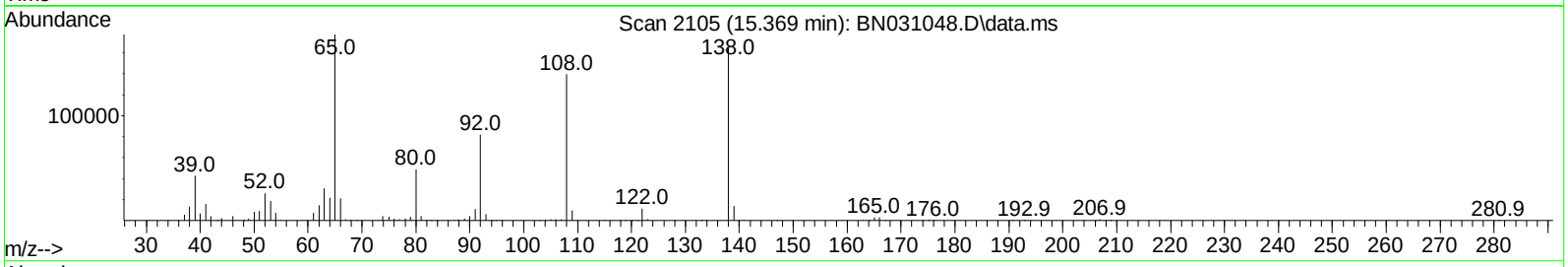
Quant Time: Apr 19 22:28:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:25:10 2024
Response via : Initial Calibration

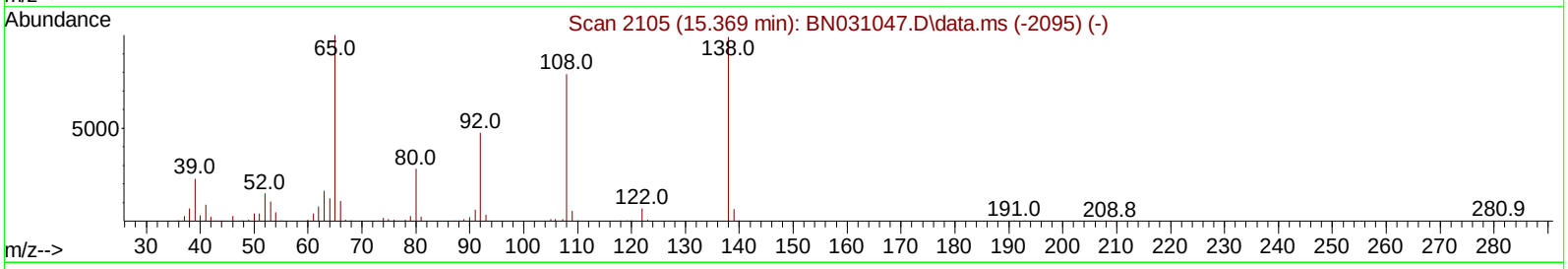
Instrument :
BNA_N
ClientSampleId :
SSTD040220

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024







TIC: BN031048.D\data.ms

(63) 4-Nitroaniline

15.369min (-0.000) 50.64 ng/ul

response 235826

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	49.55
108.00	79.80	84.56
0.00	0.00	0.00

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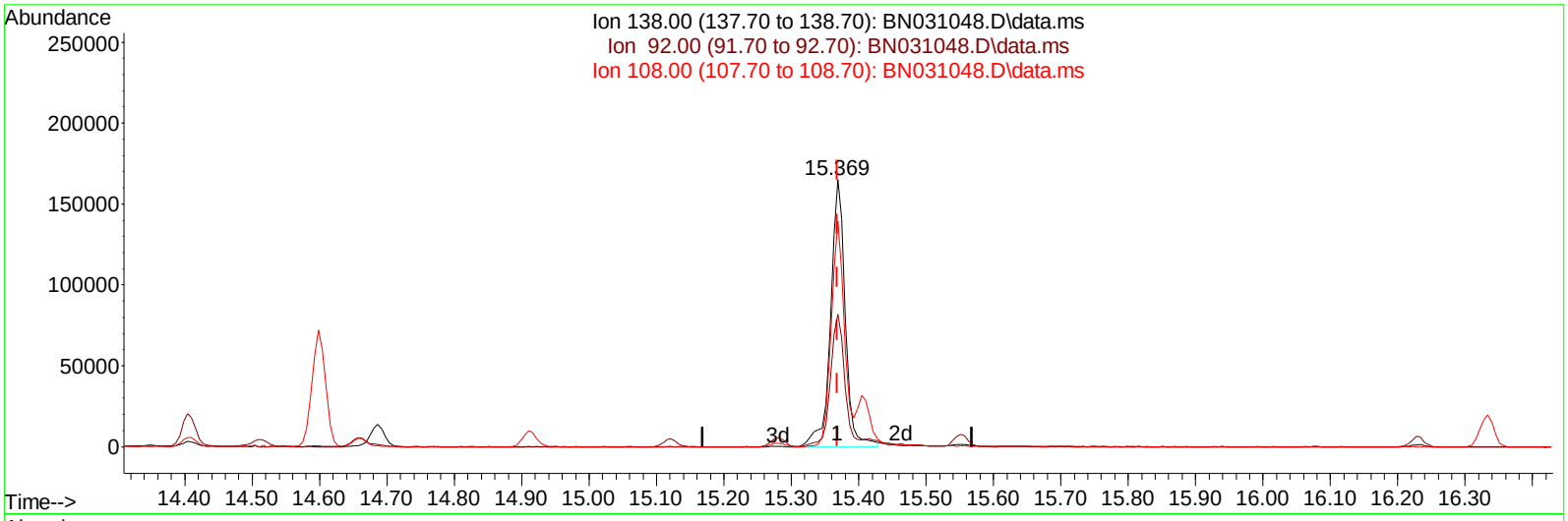

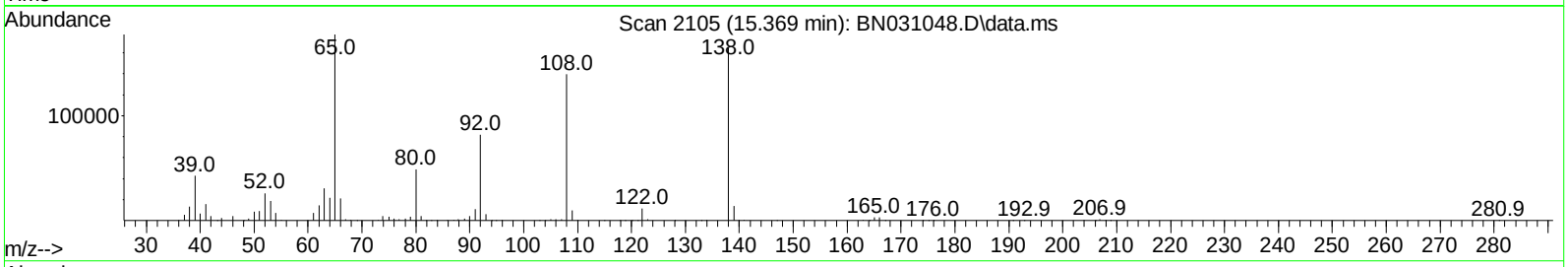

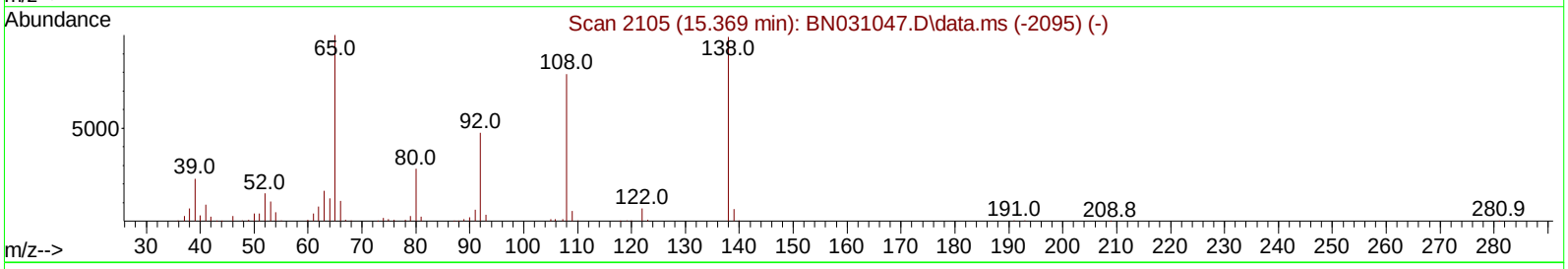

TIC: BN031048.D\data.ms

(63) 4-Nitroaniline

15.369min (-0.000) 54.17 ng/ul m

response 252267

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	49.55
108.00	79.80	84.56
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	7.640	152	100933	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	489019	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	352926	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	783529	20.000	ng/ul	0.00
79) Chrysene-d12	21.274	240	889233	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1191956	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	33936	15.764	ng/uL	0.00
4) Pyridine-d5	3.552	84	252263	39.083	ng/ul	0.00
7) Phenol-d5	6.810	99	354530	43.421	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	205216	40.693	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	283730	45.807	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	303499	44.351	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	147911	43.602	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	158668	51.129	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	300948	44.297	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	463325	41.424	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	995797	42.260	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	1139402	42.056	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	213985	47.476	ng/ul	0.00
60) Fluorene-d10	15.281	176	856012	41.514	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	169824	49.104	ng/ul	0.00
73) Anthracene-d10	17.133	188	1392782	41.256	ng/ul	0.00
81) Pyrene-d10	19.439	212	1759040	36.793	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	2254043	41.040	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	36122	15.664	ng/uL	93
5) Pyridine	3.569	79	259987	39.918	ng/ul	96
6) Benzaldehyde	6.787	77	185925	48.897	ng/ul	98
8) Phenol	6.840	94	365228	42.938	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.069	93	289541	41.743	ng/ul	100
12) 2-Chlorophenol	7.199	128	290616	43.738	ng/ul	99
13) 2-Methylphenol	8.081	108	281901	43.009	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.157	45	374783	38.373	ng/ul	99
16) Acetophenone	8.457	105	467671	43.285	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.446	70	234385	43.072	ng/ul	100
18) 4-Methylphenol	8.405	108	319196	43.502	ng/ul	98
19) Hexachloroethane	8.704	117	115851	41.587	ng/ul	98
22) Nitrobenzene	8.834	77	347165	41.923	ng/ul	99
23) Isophorone	9.357	82	705422	42.714	ng/ul	99
25) 2-Nitrophenol	9.540	139	176569	48.412	ng/ul	95
26) 2,4-Dimethylphenol	9.604	107	337370	41.618	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.846	93	418182	39.826	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	299429	43.179	ng/ul	98
30) Naphthalene	10.469	128	1023429	40.805	ng/ul	99
32) 4-Chloroaniline	10.587	127	456918	42.389	ng/ul	99
33) Hexachlorobutadiene	10.746	225	175134	40.123	ng/ul	98
34) Caprolactam	11.363	113	116174	44.844	ng/ul	96
35) 4-Chloro-3-methylphenol	11.710	107	350597	44.888	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.087	142	725339	41.411	ng/ul	100
37) 1-Methylnaphthalene	12.310	142	729630	41.035	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.457	216	368437	40.452	ng/ul	99
40) Hexachlorocyclopentadiene	12.434	237	205129	39.658	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	256444	45.058	ng/ul	95
42) 2,4,5-Trichlorophenol	12.775	196	284135	44.205	ng/ul	99
43) 1,1'-Biphenyl	13.116	154	952982	39.616	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	769547	40.638	ng/ul	98
45) 2-Nitroaniline	13.369	65	229911	45.622	ng/ul	99
47) Dimethylphthalate	13.751	163	1011970	41.575	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	208720	46.249	ng/ul	97
50) Acenaphthylene	14.004	152	1297184	41.439	ng/ul	99
51) 3-Nitroaniline	14.204	138	239763	50.054	ng/ul	94
52) Acenaphthene	14.351	153	862456	41.344	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	109769	52.957	ng/ul	96
55) 4-Nitrophenol	14.510	109	172498	48.306	ng/ul	98
56) Dibenzofuran	14.687	168	1182084	40.765	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	320084	48.580	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.916	232	244011	45.710	ng/ul	96
59) Diethylphthalate	15.122	149	1062858	42.982	ng/ul	98
61) Fluorene	15.339	166	976925	42.386	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	456359	40.357	ng/ul	99
63) 4-Nitroaniline	15.369	138	252267m	54.171	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	181241	48.772	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	853336	39.991	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	309897	41.652	ng/ul	90
69) Hexachlorobenzene	16.334	284	346548	39.556	ng/ul	95
70) Atrazine	16.510	200	315581	42.669	ng/ul	97
71) Pentachlorophenol	16.686	266	235319	45.555	ng/ul	98
72) Phenanthrene	17.081	178	1662632	41.302	ng/ul	100
74) Anthracene	17.169	178	1723566	42.353	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	371761	38.621	ng/uL	94
76) Pentachlorobenzene	14.598	250	378211	38.682	ng/uL	99
77) Carbazole	17.445	167	1643919	46.063	ng/ul	98
78) Di-n-butylphthalate	18.010	149	1965789	45.152	ng/ul	100
80) Fluoranthene	19.104	202	2100468	36.959	ng/ul	98
82) Pyrene	19.469	202	2164137	36.056	ng/ul	98
83) Butylbenzylphthalate	20.380	149	1019020	44.457	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.186	252	764200	46.771	ng/ul	89
85) Benzo(a)anthracene	21.257	228	2375324	40.025	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	1489131	44.054	ng/ul	99
87) Chrysene	21.316	228	2274193	40.600	ng/ul	96
89) Di-n-octyl phthalate	22.280	149	2879449	38.147	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2692472	38.383	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	2593167	36.400	ng/ul	98
93) Benzo(a)pyrene	24.045	252	2629372	39.679	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.433	276	3354667	46.832	ng/ul	99
95) Dibenzo(a,h)anthracene	27.498	278	2771452	45.959	ng/ul	97
96) Benzo(g,h,i)perylene	28.456	276	2711220	48.212	ng/ul	98

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

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