Quantitation Report (Qedit)

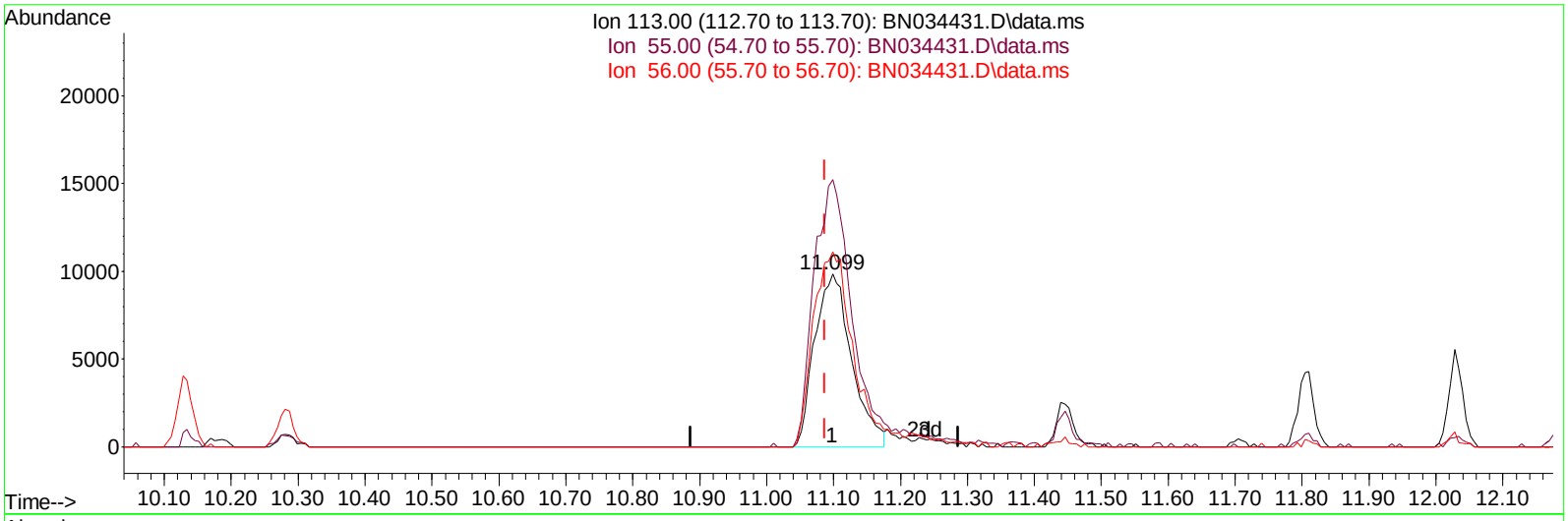
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
Data File : BN034431.D
Acq On : 05 Oct 2024 20:13
Operator : RC/JU
Sample : PB163831BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

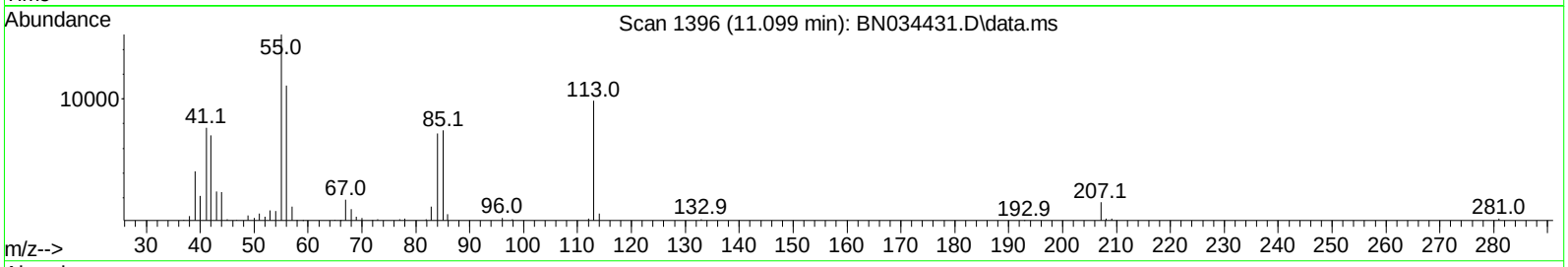
Quant Time: Oct 07 00:43:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

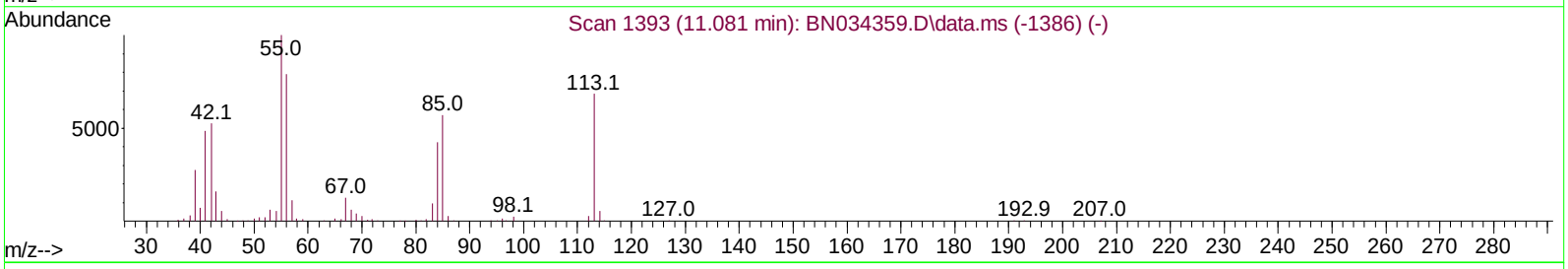
Instrument :
BNA_N
ClientSampleId :
SLCS831

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024







TIC: BN034431.D\data.ms

(34) Caprolactam

11.099min (+ 0.012) 9.49 ng/ul

response 37728

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	154.60
56.00	124.60	112.81
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : RC/JU
Sample : PB163831BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 07 00:43:07 2024
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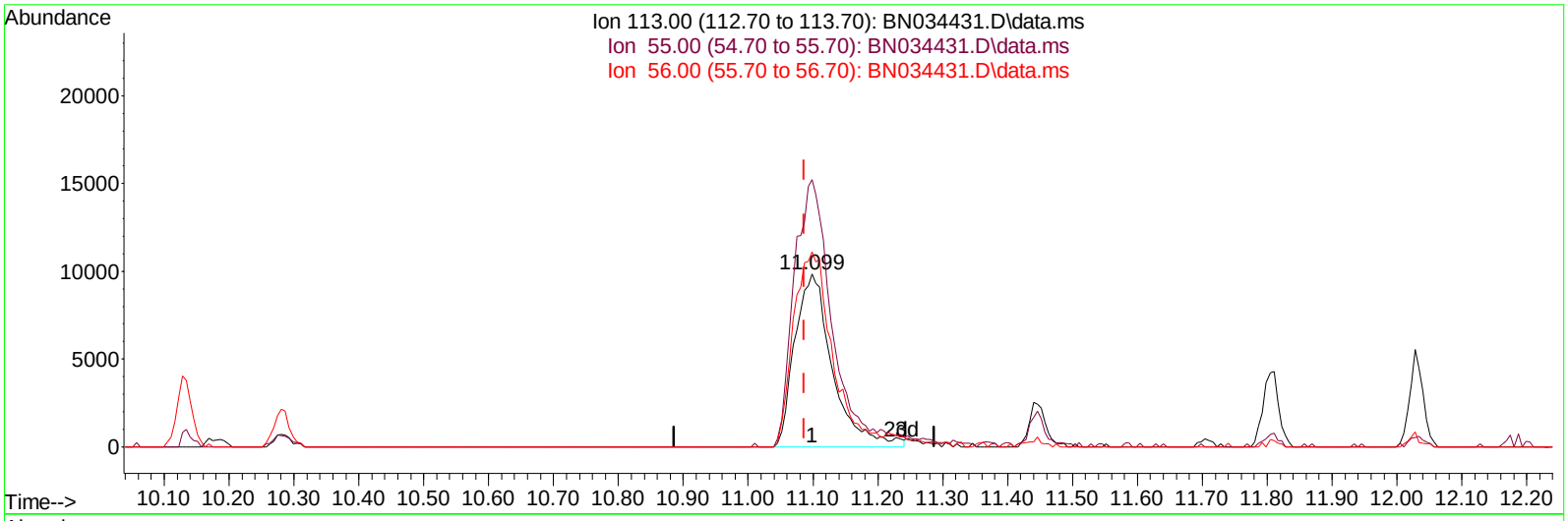

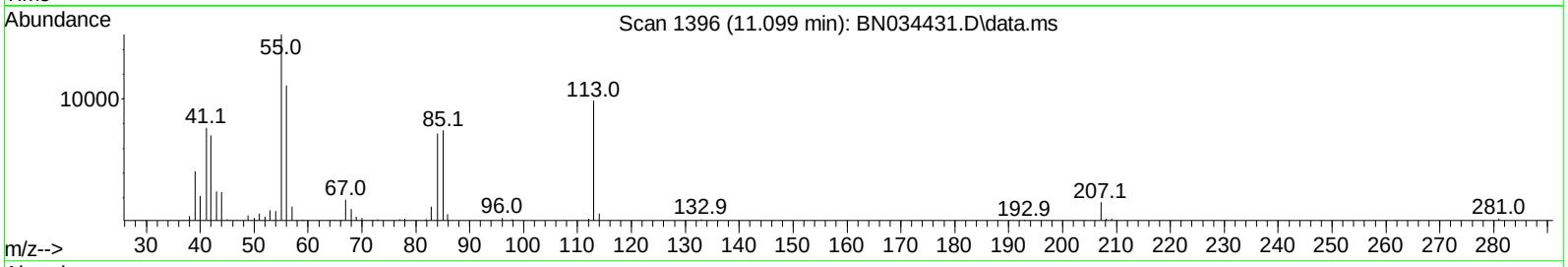

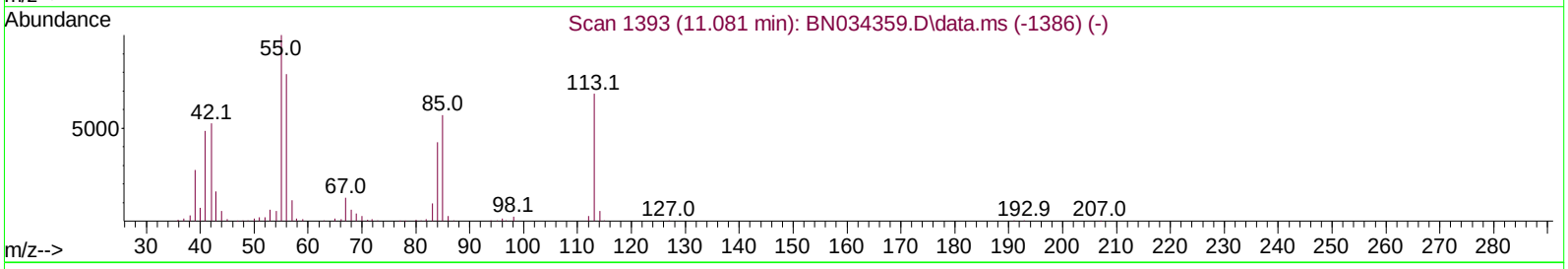

TIC: BN034431.D\data.ms

(34) Caprolactam

11.099min (+ 0.012) 10.01 ng/ul m

response 39808

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	154.60
56.00	124.60	112.81
0.00	0.00	0.00

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Sample : PB163831BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 07 00:43:07 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
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Instrument :
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ClientSampleId :
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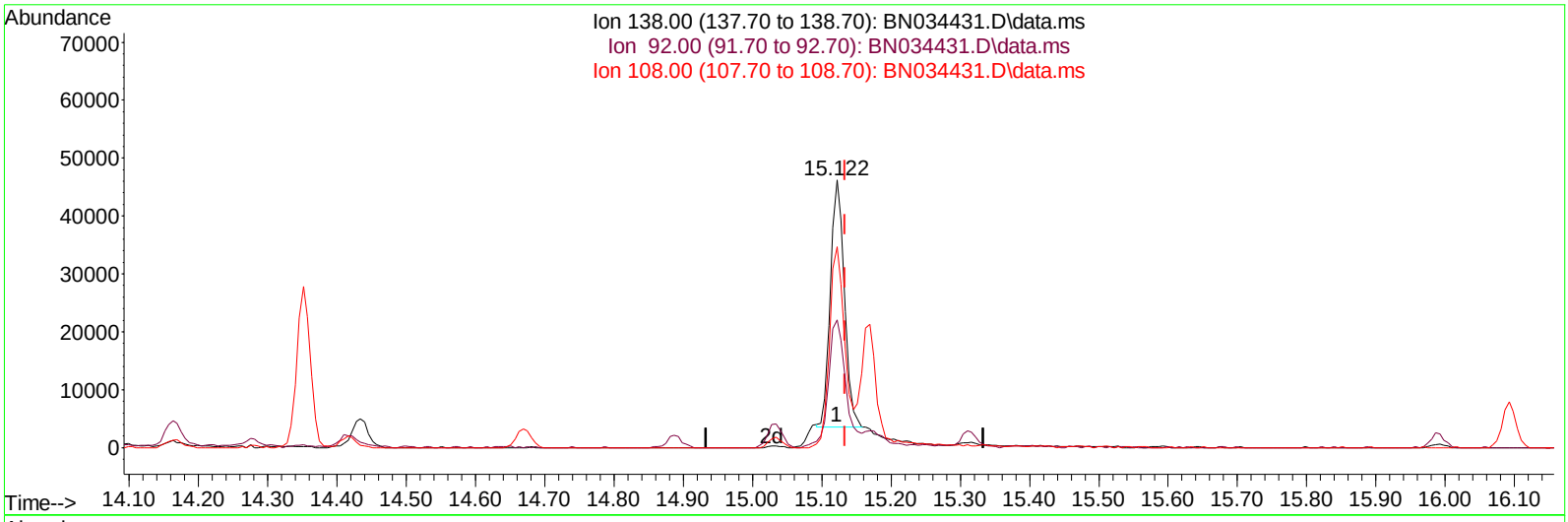

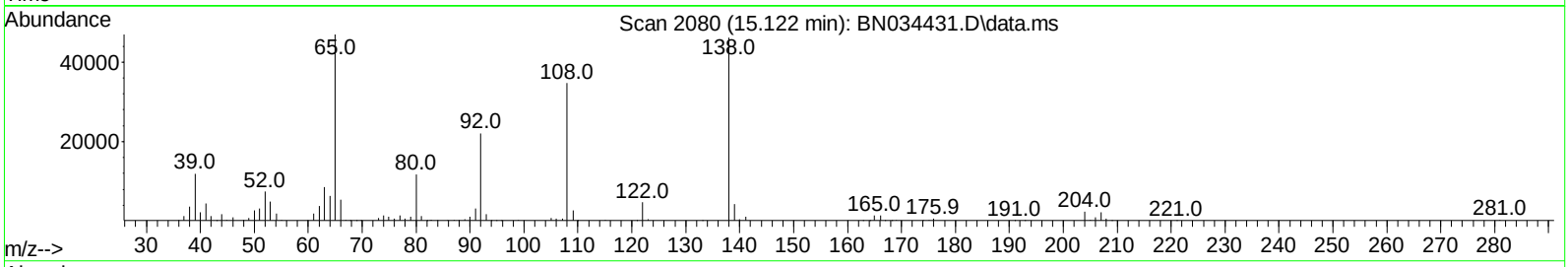

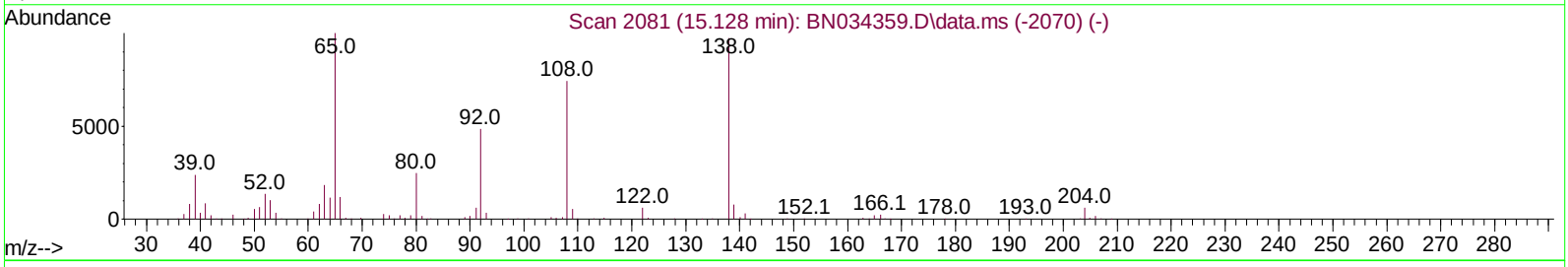

TIC: BN034431.D\data.ms

(63) 4-Nitroaniline

15.122min (-0.012) 8.66 ng/ul

response 59377

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.70	47.81
108.00	83.70	75.06
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : RC/JU
Sample : PB163831BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 07 00:43:07 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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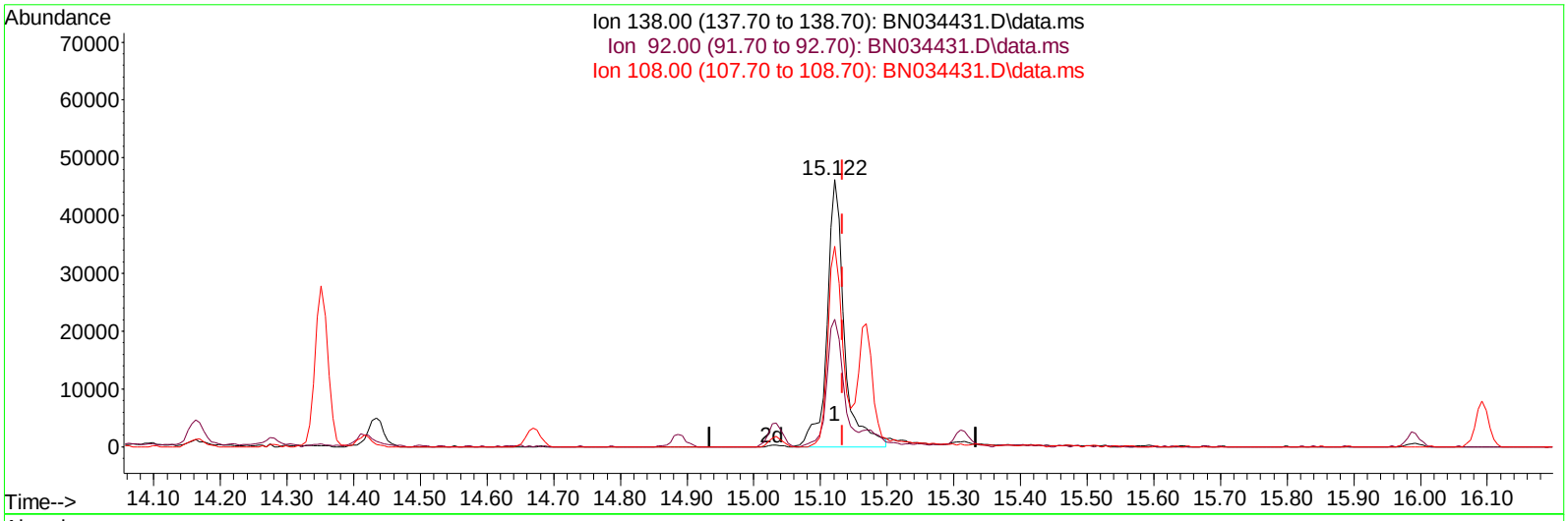

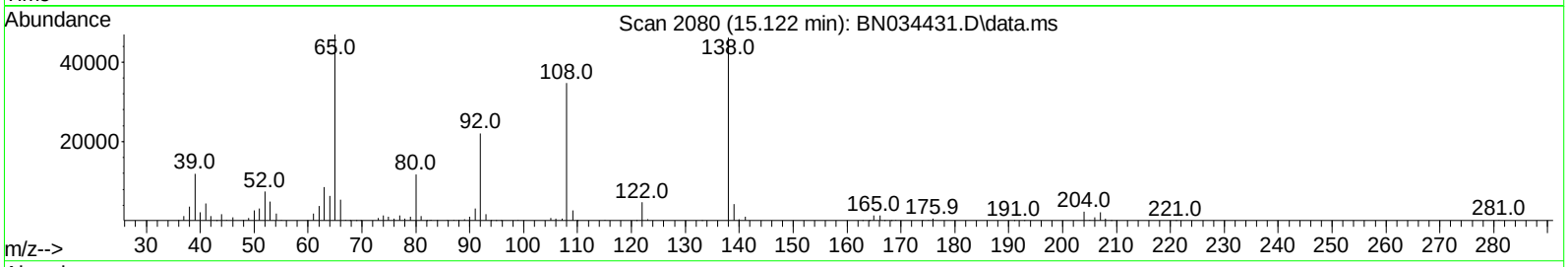

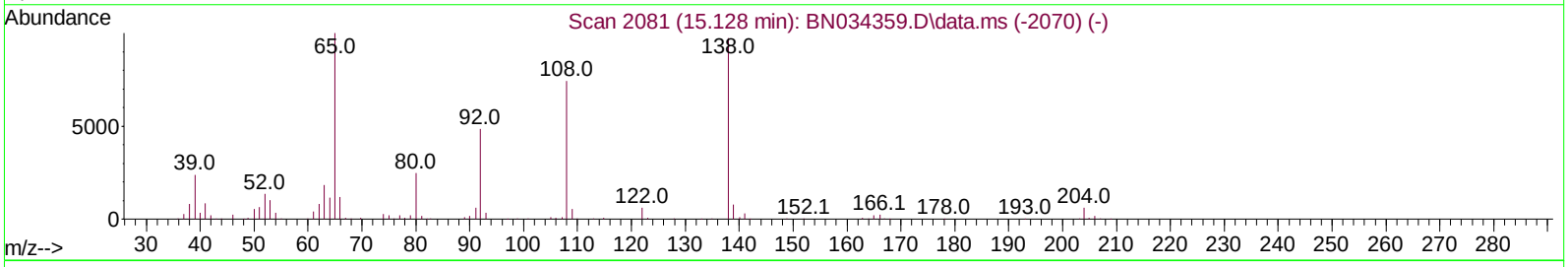

TIC: BN034431.D\data.ms

(63) 4-Nitroaniline

15.122min (-0.012) 12.13 ng/ul m

response 83184

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.70	47.81
108.00	83.70	75.06
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
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Acq On : 05 Oct 2024 20:13
Operator : RC/JU
Sample : PB163831BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 07 00:44:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	160166	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	639066	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	402215	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.786	188	856036	20.000	ng/ul	-0.01
79) Chrysene-d12	21.022	240	883625	20.000	ng/ul	-0.01
88) Perylene-d12	23.721	264	993709	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	21293	5.425	ng/uL	0.00
4) Pyridine-d5	3.381	84	264680	22.687	ng/ul	0.00
7) Phenol-d5	6.575	99	331094	23.292	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	204800	23.221	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	297814	26.616	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	268438	22.951	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	140321	27.548	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	145876	27.850	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.763	165	271297	27.502	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.281	131	368816	24.696	ng/ul	-0.01
46) Dimethylphthalate-d6	13.457	166	840712	27.969	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	943498	27.901	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.263	143	142790	23.147	ng/ul	-0.01
60) Fluorene-d10	15.034	176	696692	27.348	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	122975	24.094	ng/ul	0.00
73) Anthracene-d10	16.886	188	1079630	26.826	ng/ul	-0.01
81) Pyrene-d10	19.198	212	1314989	26.709	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	1470522	28.809	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.028	88	21952	5.302	ng/uL	88
5) Pyridine	3.399	79	132569	11.105	ng/ul	98
6) Benzaldehyde	6.534	77	87754	11.695	ng/ul	97
8) Phenol	6.605	94	170134	11.496	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.822	93	143543	12.479	ng/ul	92
12) 2-Chlorophenol	6.952	128	150577	13.132	ng/ul	95
13) 2-Methylphenol	7.828	108	128949	11.657	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	7.899	45	186057	10.968	ng/ul	96
16) Acetophenone	8.193	105	213265	11.510	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.181	70	100084	10.908	ng/ul	93
18) 4-Methylphenol	8.157	108	142717	11.593	ng/ul	99
19) Hexachloroethane	8.428	117	63214	13.071	ng/ul	90
22) Nitrobenzene	8.563	77	157333	12.341	ng/ul	93
23) Isophorone	9.087	82	283778	12.070	ng/ul	96
25) 2-Nitrophenol	9.263	139	80569	13.744	ng/ul	94
26) 2,4-Dimethylphenol	9.340	107	116479	9.658	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.575	93	185321	12.811	ng/ul	98
29) 2,4-Dichlorophenol	9.793	162	139854	14.002	ng/ul	97
30) Naphthalene	10.181	128	481860	13.785	ng/ul	100
32) 4-Chloroaniline	10.304	127	154477	10.497	ng/ul	99
33) Hexachlorobutadiene	10.469	225	92607	14.452	ng/ul	97
34) Caprolactam	11.099	113	39808m	10.010	ng/ul	
35) 4-Chloro-3-methylphenol	11.446	107	138112	11.745	ng/ul	95

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.804	142	322836	13.408	ng/ul	100
37) 1-Methylnaphthalene	12.028	142	319985	13.129	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.187	216	173949	14.981	ng/ul	97
40) Hexachlorocyclopentadiene	12.169	237	76433	10.698	ng/ul	97
41) 2,4,6-Trichlorophenol	12.445	196	104241	13.542	ng/ul	98
42) 2,4,5-Trichlorophenol	12.516	196	114420	13.532	ng/ul	98
43) 1,1'-Biphenyl	12.851	154	419739	13.842	ng/ul	97
44) 2-Chloronaphthalene	12.887	162	333653	14.124	ng/ul	98
45) 2-Nitroaniline	13.104	65	81368	10.659	ng/ul	92
47) Dimethylphthalate	13.504	163	426170	13.911	ng/ul	99
48) 2,6-Dinitrotoluene	13.622	165	79740	13.219	ng/ul	91
50) Acenaphthylene	13.745	152	509752	13.776	ng/ul	99
51) 3-Nitroaniline	13.951	138	77518	11.628	ng/ul	96
52) Acenaphthene	14.092	153	360851	13.660	ng/ul	99
53) 2,4-Dinitrophenol	14.163	184	29732	8.380	ng/ul	85
55) 4-Nitrophenol	14.281	109	53097	10.135	ng/ul	88
56) Dibenzofuran	14.434	168	503652	13.942	ng/ul	96
57) 2,4-Dinitrotoluene	14.416	165	124404	13.679	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.669	232	94396	13.454	ng/ul	98
59) Diethylphthalate	14.887	149	427547	13.355	ng/ul	98
61) Fluorene	15.087	166	406578	13.758	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.092	204	201410	14.061	ng/ul	97
63) 4-Nitroaniline	15.122	138	83184m	12.126	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.181	198	70540	12.446	ng/ul#	98
67) N-Nitrosodiphenylamine	15.310	169	355058	13.842	ng/ul	98
68) 4-Bromophenyl-phenylether	15.992	248	125790	14.471	ng/ul	95
69) Hexachlorobenzene	16.092	284	152510	15.116	ng/ul	92
70) Atrazine	16.281	200	94590	10.178	ng/ul	99
71) Pentachlorophenol	16.445	266	82755	12.315	ng/ul	94
72) Phenanthrene	16.828	178	653542	13.846	ng/ul	99
74) Anthracene	16.922	178	646552	13.414	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.810	216	170558	14.316	ng/uL	97
76) Pentachlorobenzene	14.351	250	168772	13.913	ng/uL	92
77) Carbazole	17.198	167	611480	13.784	ng/ul	98
78) Di-n-butylphthalate	17.786	149	748837	13.279	ng/ul	99
80) Fluoranthene	18.857	202	799654	13.893	ng/ul	99
82) Pyrene	19.227	202	845641	13.667	ng/ul	96
83) Butylbenzylphthalate	20.169	149	341491	12.307	ng/ul	94
84) 3,3'-Dichlorobenzidine	20.951	252	269913	13.599	ng/ul	97
85) Benzo(a)anthracene	21.004	228	867204	13.765	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	20.969	149	523099	12.879	ng/ul	97
87) Chrysene	21.063	228	834770	13.887	ng/ul	99
89) Di-n-octyl phthalate	22.004	149	857686	12.971	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	855890	14.127	ng/ul	99
91) Benzo(k)fluoranthene	22.933	252	913635	15.286	ng/ul	100
93) Benzo(a)pyrene	23.598	252	795897	13.906	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.704	276	949457	13.389	ng/ul	97
95) Dibenzo(a,h)anthracene	26.762	278	768320	13.404	ng/ul	96
96) Benzo(g,h,i)perylene	27.633	276	743712	13.510	ng/ul	98

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

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