Quantitation Report (Qedit)

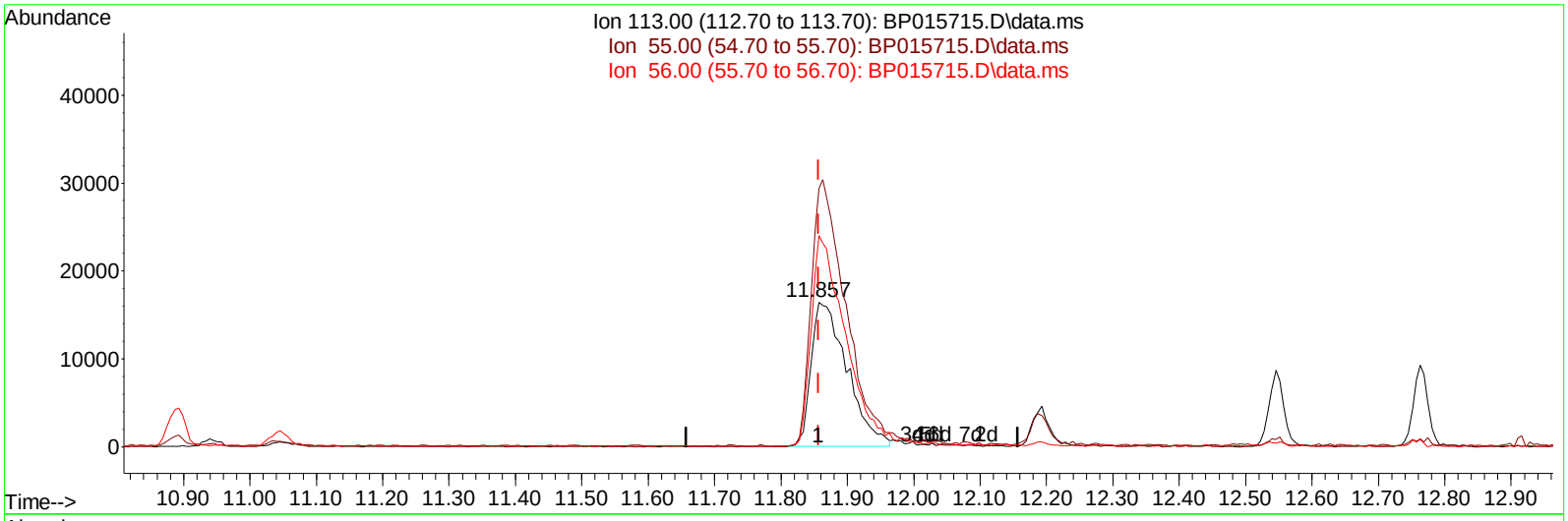
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015715.D
Acq On : 26 Jun 2023 15:37
Operator : MA/JU
Sample : SSTD02091
Misc :
ALS Vial : 5 Sample Multiplier: 1

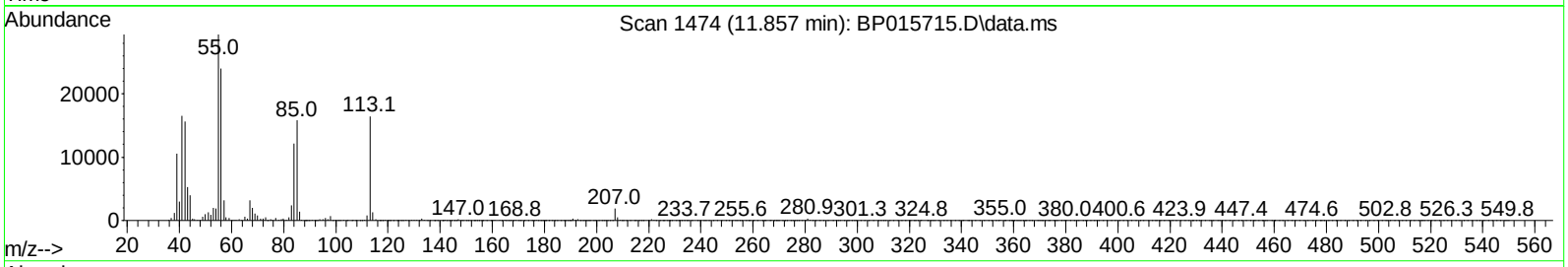
Quant Time: Jun 27 00:01:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 23:54:28 2023
Response via : Initial Calibration

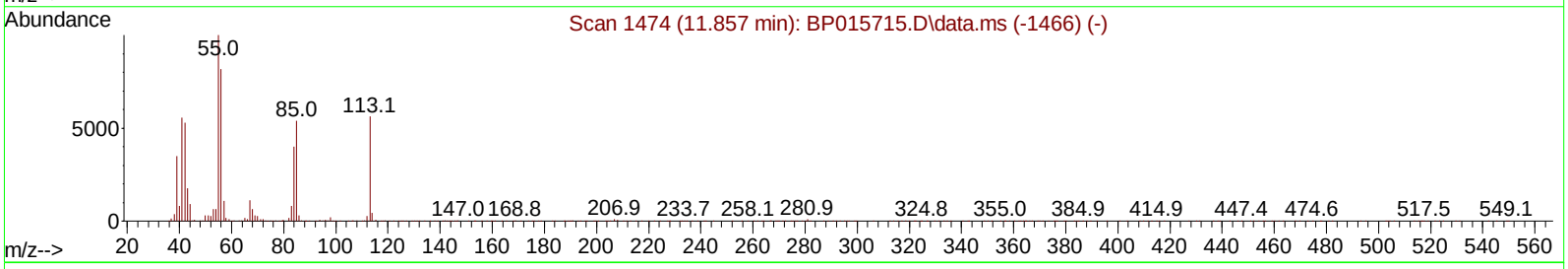
Instrument :
BNA_P
ClientSampleId :
SSTD020634

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023







TIC: BP015715.D\data.ms

(34) Caprolactam

11.857min (0.000) 21.89 ng/ul

response 61665

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	178.50
56.00	146.10	146.11
0.00	0.00	0.00

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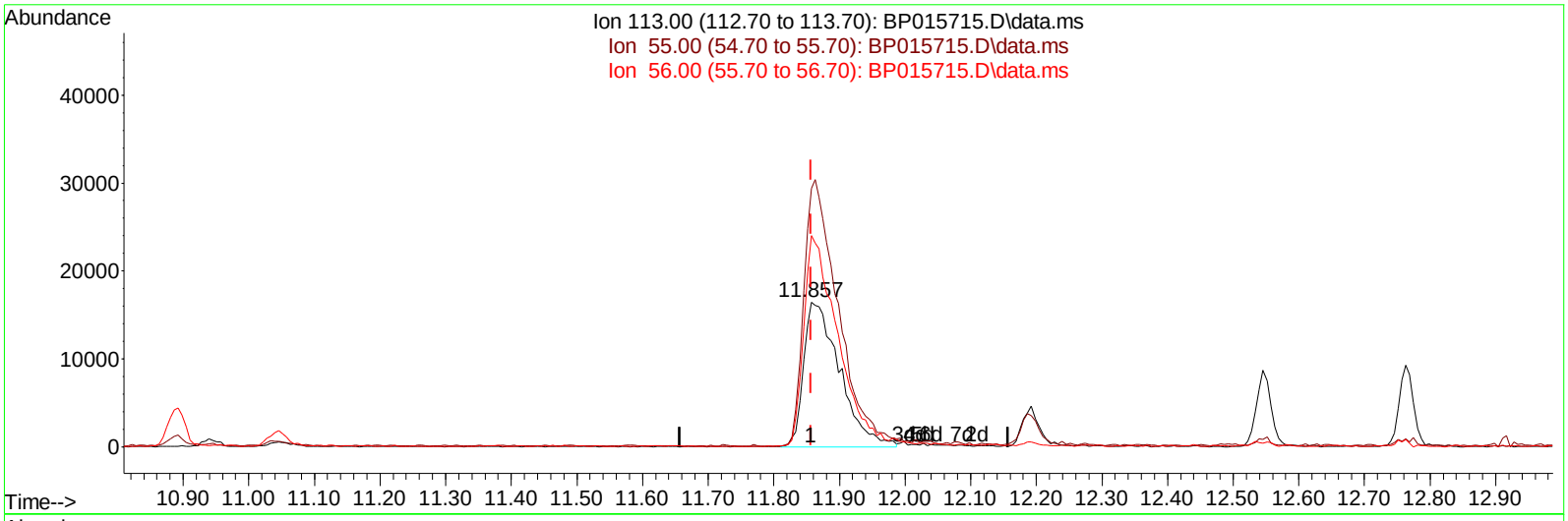
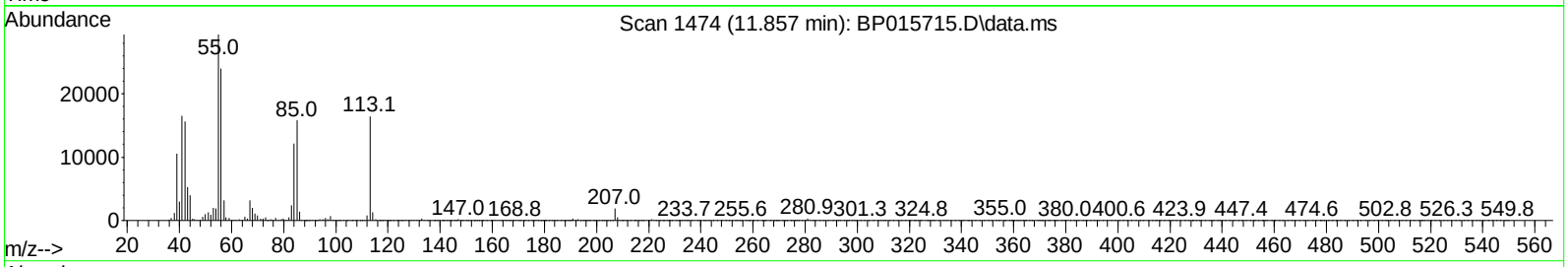
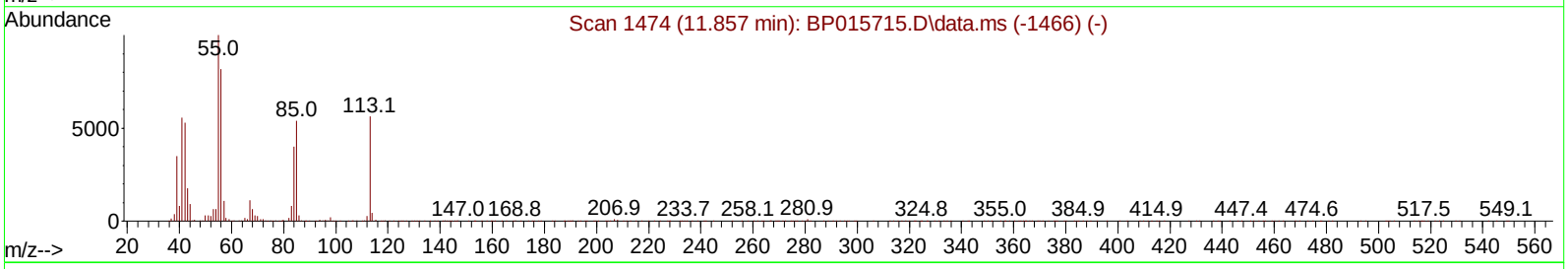
Supervised By :mohammad ahmed 06/27/2023







TIC: BP015715.D\data.ms

(34) Caprolactam

11.857min (0.000) 22.28 ng/ul m

response 62760

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	178.50
56.00	146.10	146.11
0.00	0.00	0.00

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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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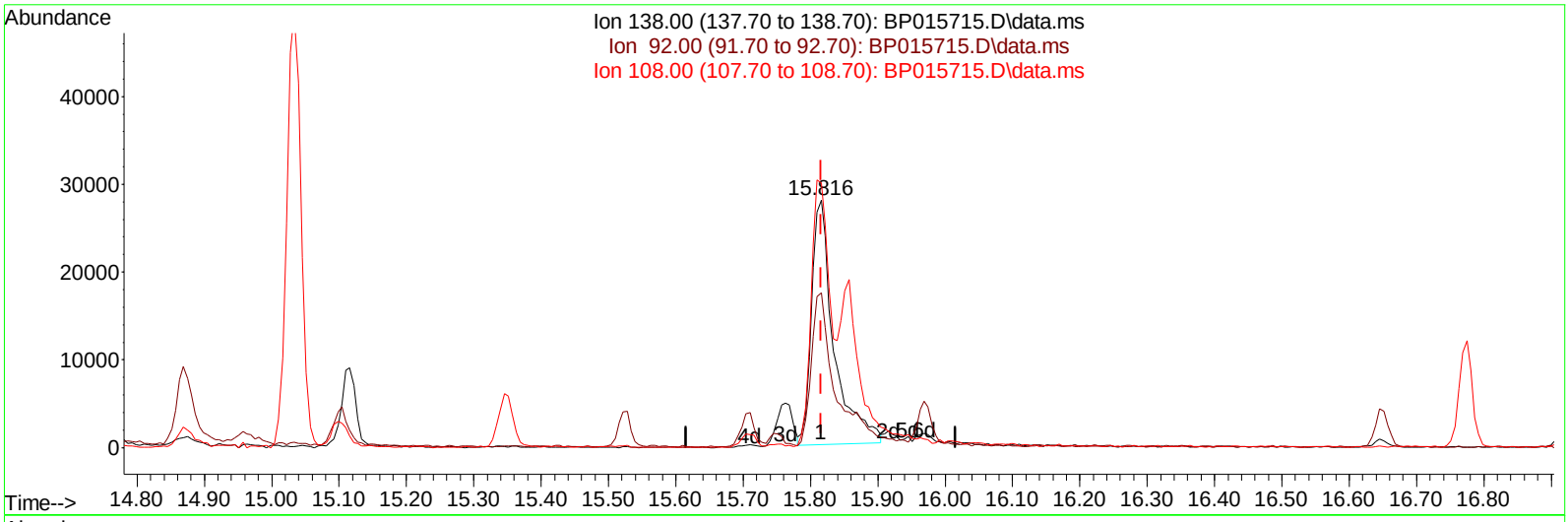

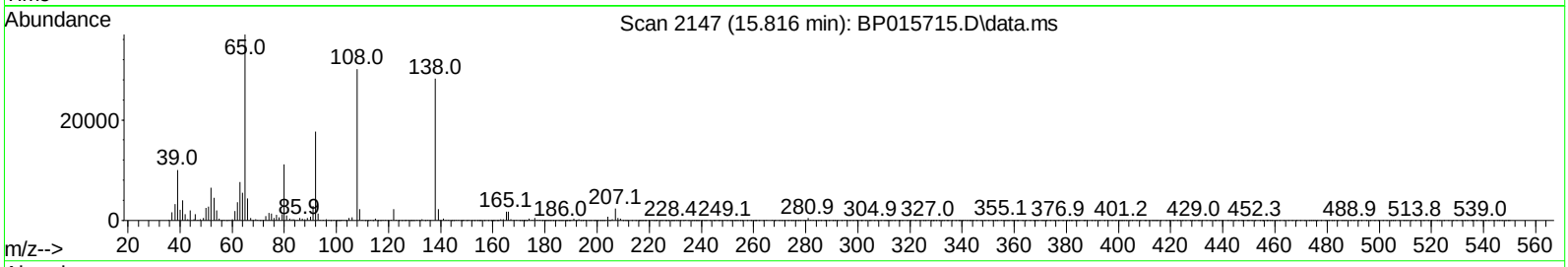

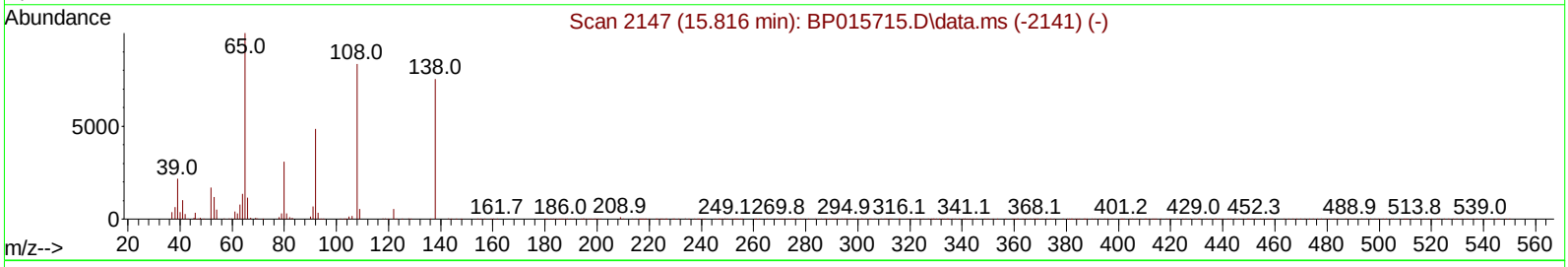

TIC: BP015715.D\data.ms

(63) 4-Nitroaniline

15.816min (0.000) 20.10 ng/ul

response 64384

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.60	62.55
108.00	106.90	106.87
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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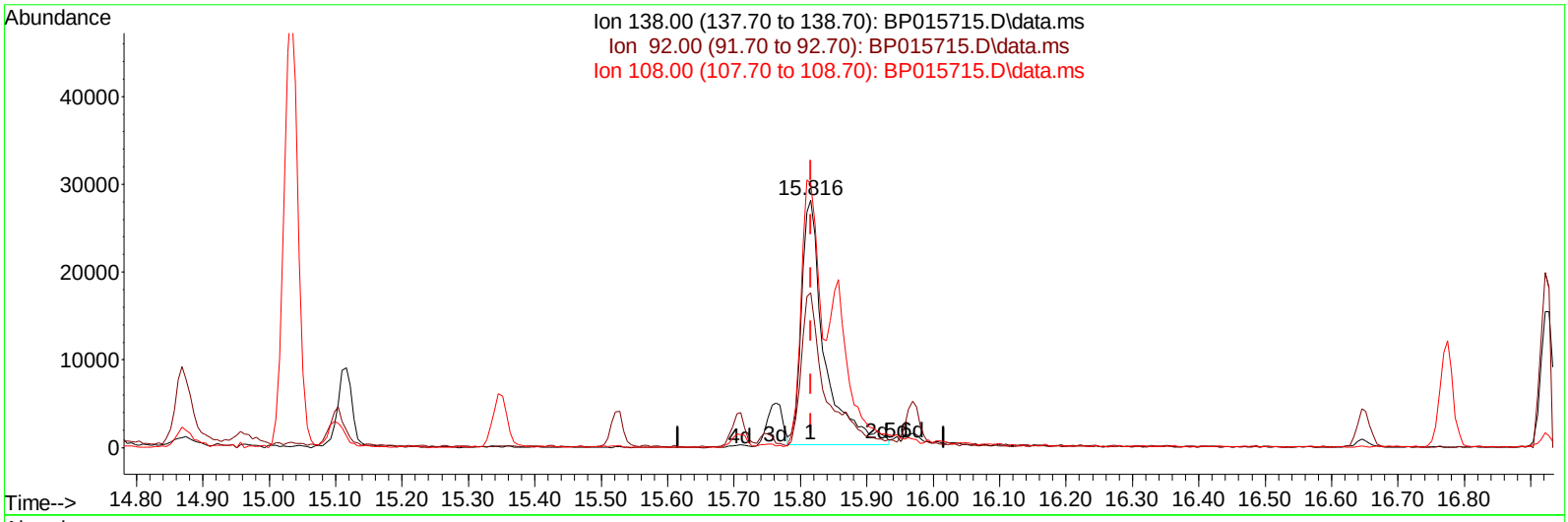

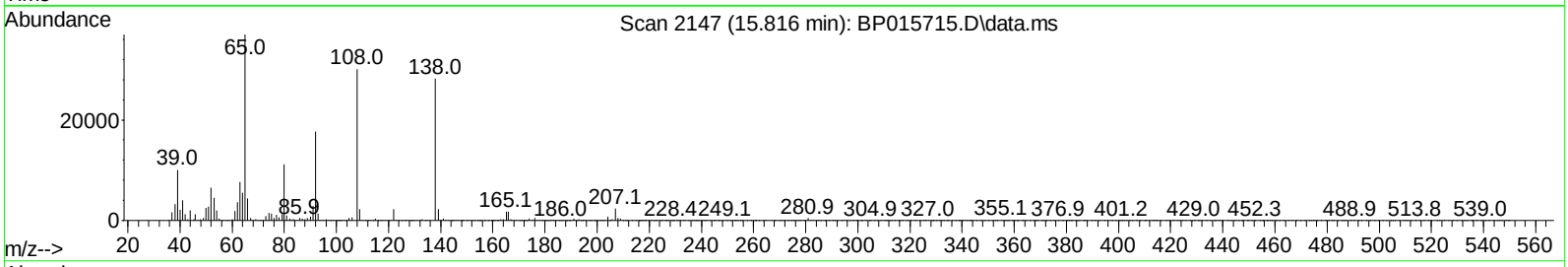

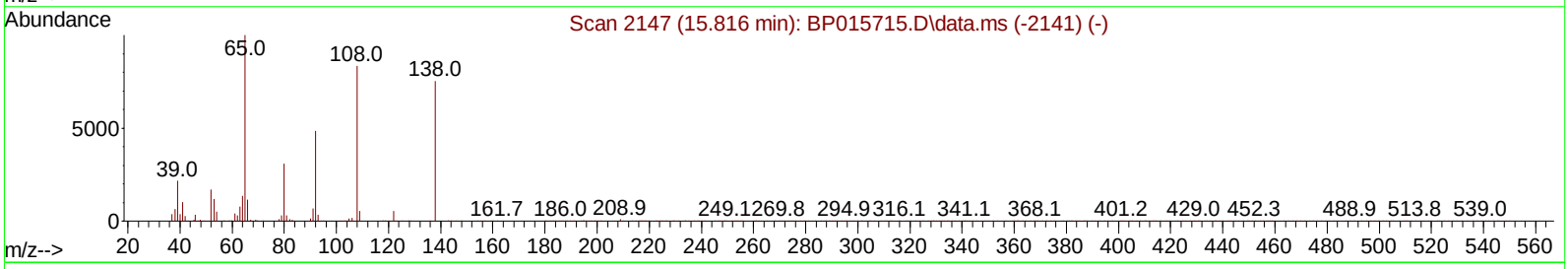

TIC: BP015715.D\data.ms

(63) 4-Nitroaniline

15.816min (0.000) 20.82 ng/ul m

response 66701

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.60	62.55
108.00	106.90	106.87
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 26 Jun 2023 15:37
Operator : MA/JU
Sample : SSTD02091
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 27 00:35:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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SSTD020634

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	138841	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	591391	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	372333	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	762799	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	517301	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	517653	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	31866	8.258	ng/uL	0.00
4) Pyridine-d5	3.828	84	202610	20.828	ng/ul	0.00
7) Phenol-d5	7.228	99	248265	20.899	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	159417	21.691	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	193749	21.606	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	203684	21.704	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	98530	21.801	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	112482	21.324	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	204012	21.703	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	261122	21.625	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	616678	21.428	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	692311	21.400	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	76765	20.213	ng/ul	0.00
60) Fluorene-d10	15.710	176	502043	21.187	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	97033	20.790	ng/ul	0.00
73) Anthracene-d10	17.575	188	740000	21.238	ng/ul	0.00
81) Pyrene-d10	19.804	212	758659	22.460	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	543138	20.800	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	34683	8.352	ng/uL	100
5) Pyridine	3.846	79	211491	20.782	ng/ul	100
6) Benzaldehyde	7.205	77	100623	21.608	ng/ul	100
8) Phenol	7.258	94	262233	21.272	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.481	93	209977	21.408	ng/ul	100
12) 2-Chlorophenol	7.628	128	204792	21.496	ng/ul	100
13) 2-Methylphenol	8.522	108	200311	21.521	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.593	45	291451	21.756	ng/ul	100
16) Acetophenone	8.904	105	339385	22.000	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.881	70	191825	22.388	ng/ul	100
18) 4-Methylphenol	8.857	108	218239	21.823	ng/ul	100
19) Hexachloroethane	9.146	117	92882	21.109	ng/ul	100
22) Nitrobenzene	9.287	77	275089	21.674	ng/ul	100
23) Isophorone	9.816	82	531240	21.872	ng/ul	100
25) 2-Nitrophenol	10.004	139	122131	21.816	ng/ul	100
26) 2,4-Dimethylphenol	10.063	107	266190	21.630	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.293	93	298380	21.762	ng/ul	100
29) 2,4-Dichlorophenol	10.551	162	202896	21.711	ng/ul	100
30) Naphthalene	10.940	128	685768	21.331	ng/ul	100
32) 4-Chloroaniline	11.069	127	274039	21.843	ng/ul	100
33) Hexachlorobutadiene	11.210	225	150318	21.299	ng/ul	100
34) Caprolactam	11.857	113	62760m	22.275	ng/ul	
35) 4-Chloro-3-methylphenol	12.187	107	238475	21.800	ng/ul	100

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.545	142	456181	21.555	ng/ul	100
37) 1-Methylnaphthalene	12.763	142	466858	21.624	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.910	216	261599	21.321	ng/ul	100
40) Hexachlorocyclopentadiene	12.875	237	70473	19.199	ng/ul	100
41) 2,4,6-Trichlorophenol	13.157	196	168758	21.764	ng/ul	100
42) 2,4,5-Trichlorophenol	13.240	196	178509	22.234	ng/ul	100
43) 1,1'-Biphenyl	13.545	154	629542	21.347	ng/ul	100
44) 2-Chloronaphthalene	13.592	162	498487	21.457	ng/ul	100
45) 2-Nitroaniline	13.810	65	161954	22.393	ng/ul	100
47) Dimethylphthalate	14.169	163	639812	21.482	ng/ul	100
48) 2,6-Dinitrotoluene	14.304	165	131165	21.711	ng/ul	100
50) Acenaphthylene	14.439	152	761980	21.376	ng/ul	100
51) 3-Nitroaniline	14.645	138	93495	19.735	ng/ul	100
52) Acenaphthene	14.775	153	524409	21.215	ng/ul	100
53) 2,4-Dinitrophenol	14.869	184	59760	18.769	ng/ul	100
55) 4-Nitrophenol	14.957	109	79192	18.785	ng/ul	100
56) Dibenzofuran	15.116	168	730915	21.301	ng/ul	100
57) 2,4-Dinitrotoluene	15.104	165	181590	22.164	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.345	232	153697	21.756	ng/ul	100
59) Diethylphthalate	15.522	149	644041	21.369	ng/ul	100
61) Fluorene	15.763	166	594568	21.362	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	304766	21.400	ng/ul	100
63) 4-Nitroaniline	15.816	138	66701m	20.823	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.875	198	99462	20.955	ng/ul	100
67) N-Nitrosodiphenylamine	15.969	169	501344	21.954	ng/ul	100
68) 4-Bromophenyl-phenylether	16.651	248	186975	21.465	ng/ul	100
69) Hexachlorobenzene	16.775	284	218539	21.263	ng/ul	100
70) Atrazine	16.928	200	188820	21.601	ng/ul	100
71) Pentachlorophenol	17.133	266	92942	18.972	ng/ul	100
72) Phenanthrene	17.516	178	880649	21.251	ng/ul	100
74) Anthracene	17.610	178	892813	21.441	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.516	216	266570	21.476	ng/uL	100
76) Pentachlorobenzene	15.034	250	270748	21.613	ng/uL	100
77) Carbazole	17.886	167	753718	21.476	ng/ul	100
78) Di-n-butylphthalate	18.404	149	996146	21.410	ng/ul	100
80) Fluoranthene	19.474	202	957024	22.797	ng/ul	100
82) Pyrene	19.833	202	962258	22.471	ng/ul	100
83) Butylbenzylphthalate	20.680	149	378173	21.646	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.474	252	246463	21.076	ng/ul	100
85) Benzo(a)anthracene	21.545	228	785089	21.575	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.433	149	501439	20.885	ng/ul	100
87) Chrysene	21.604	228	742558	21.508	ng/ul	100
89) Di-n-octyl phthalate	22.398	149	790744	20.902	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	683948	20.563	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	704978	20.978	ng/ul	100
93) Benzo(a)pyrene	24.004	252	601674	20.702	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.815	276	820102	20.786	ng/ul	100
95) Dibenzo(a,h)anthracene	26.827	278	677500	20.906	ng/ul	100
96) Benzo(g,h,i)perylene	27.656	276	668512	20.687	ng/ul	100

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

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