Quantitation Report (Qedit)

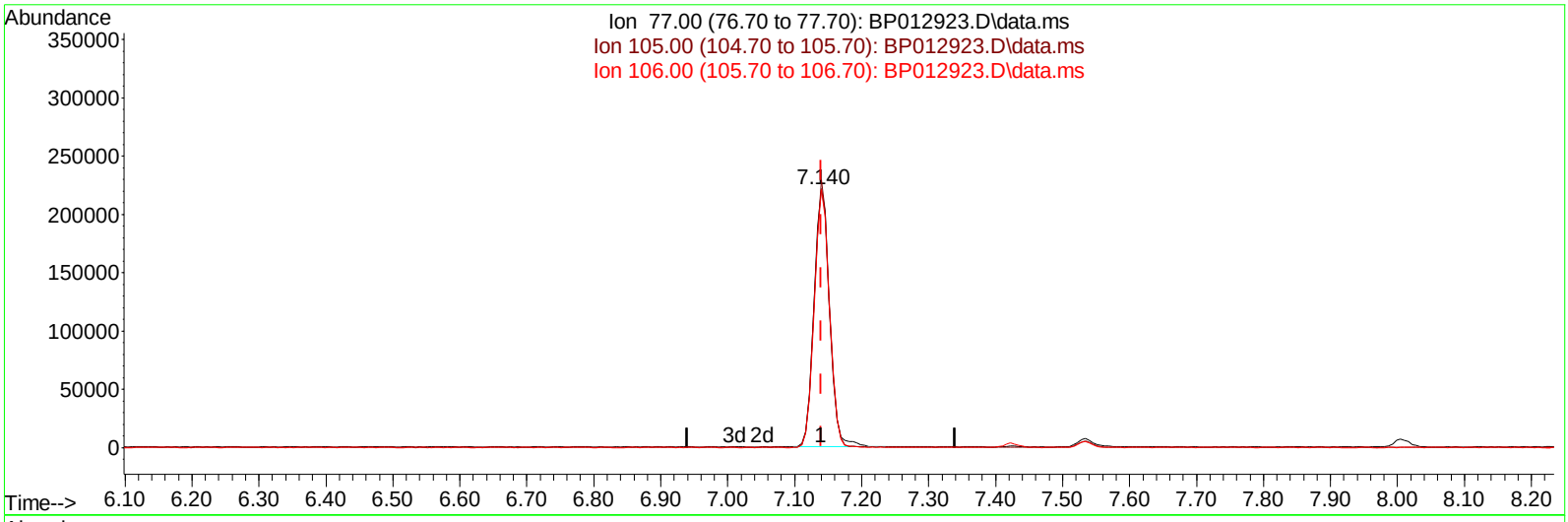
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120122\
Data File : BP012923.D
Acq On : 01 Dec 2022 18:39
Operator : CG/JU
Sample : SSTD02007
Misc :
ALS Vial : 4 Sample Multiplier: 1

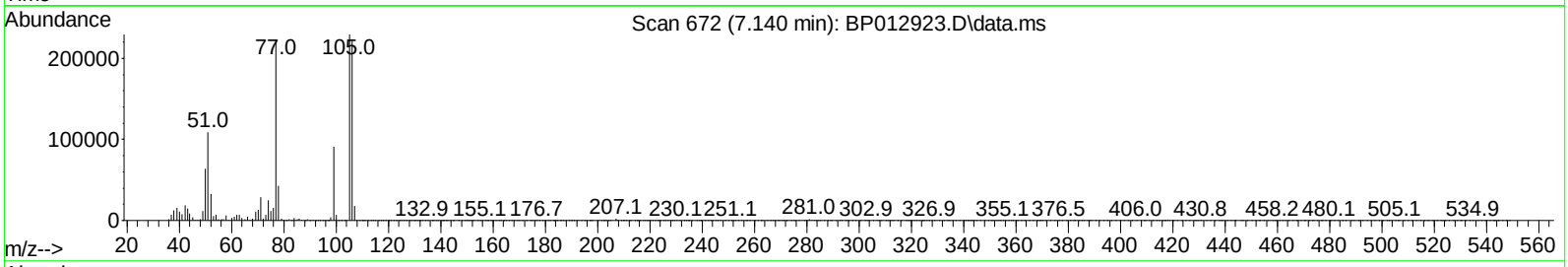
Quant Time: Dec 01 22:56:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 01 22:54:44 2022
Response via : Initial Calibration

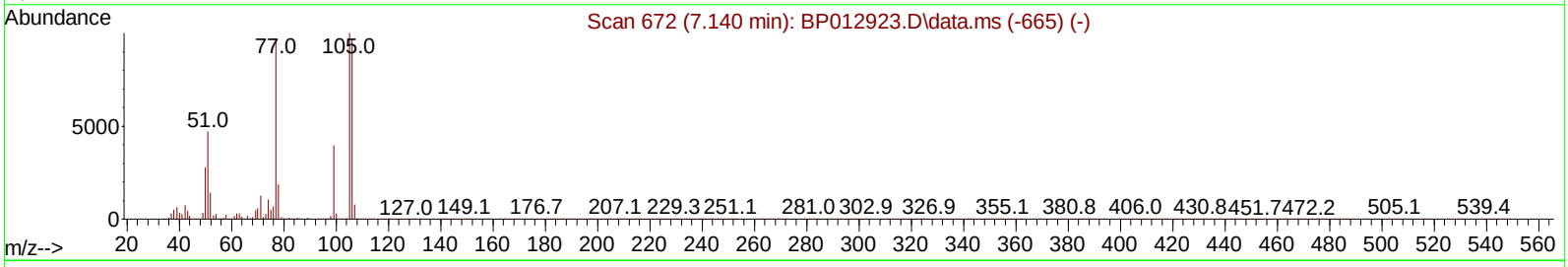
Instrument :
BNA_P
ClientSampleId :
SSTD020626

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022







TIC: BP012923.D\data.ms

(6) Benzaldehyde

7.140min (0.000) 25.63 ng/ul

response 358659

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	103.30	103.32
106.00	99.70	99.74
0.00	0.00	0.00

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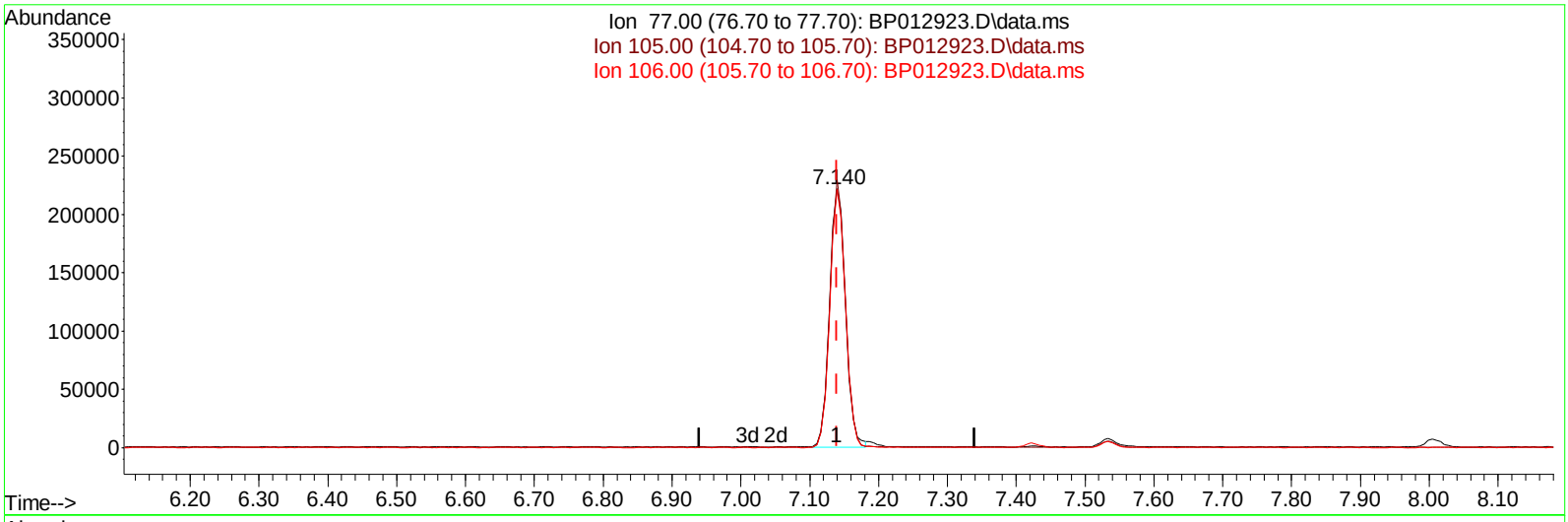
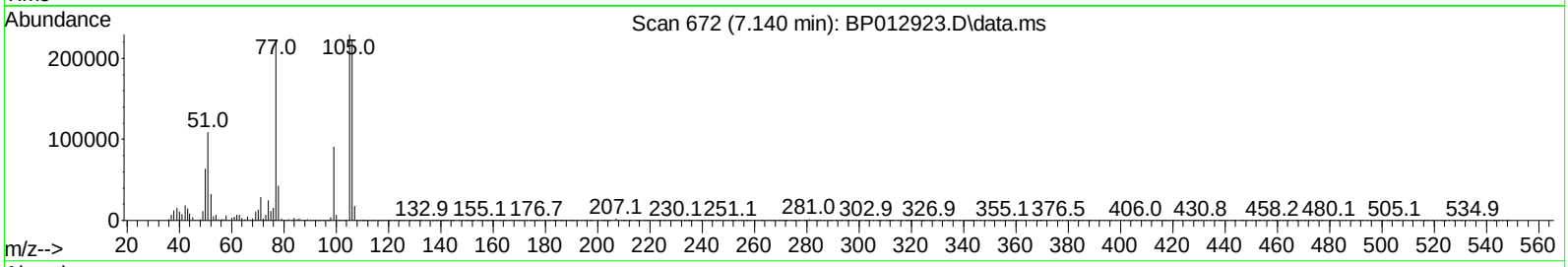
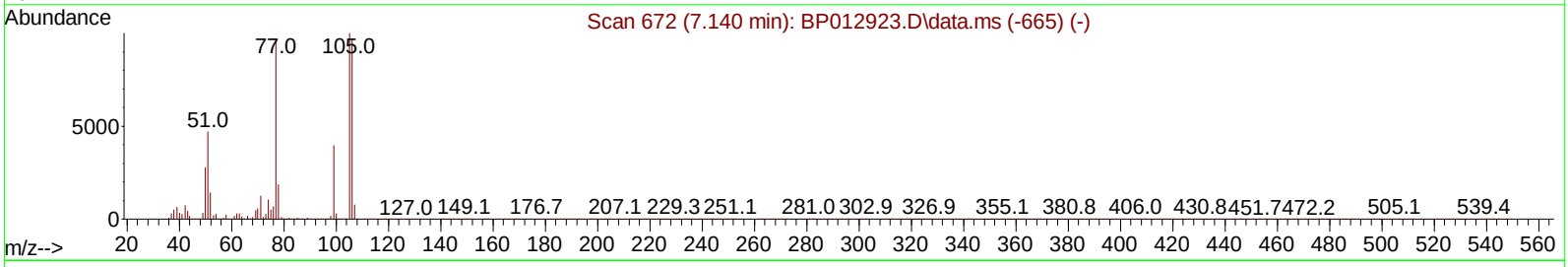
Supervised By :mohammad ahmed 12/08/2022







TIC: BP012923.D\data.ms

(6) Benzaldehyde

7.140min (0.000) 25.48 ng/ul m

response 356494

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	103.30	103.32
106.00	99.70	99.74
0.00	0.00	0.00

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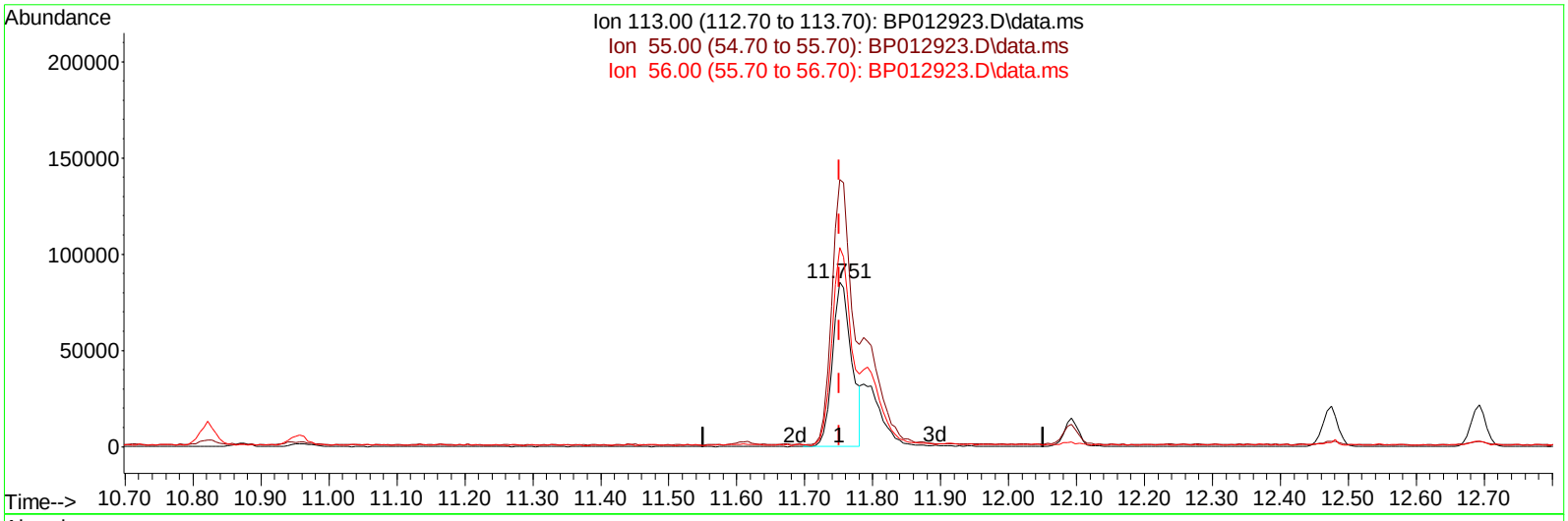

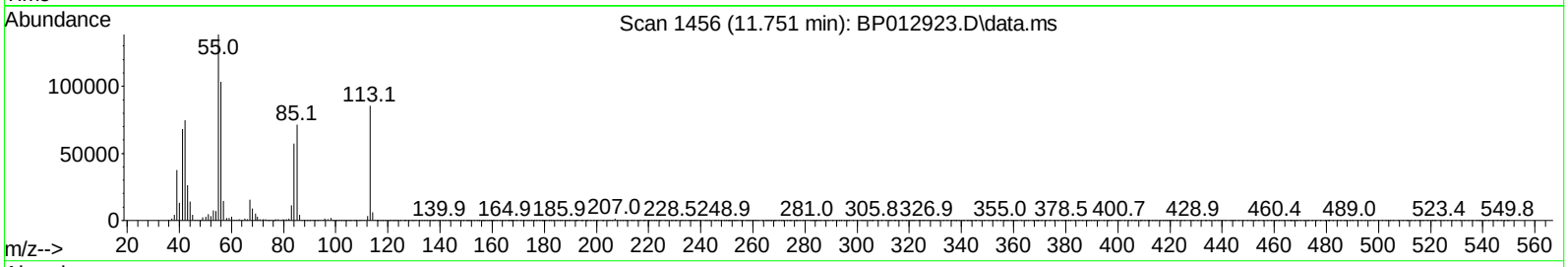

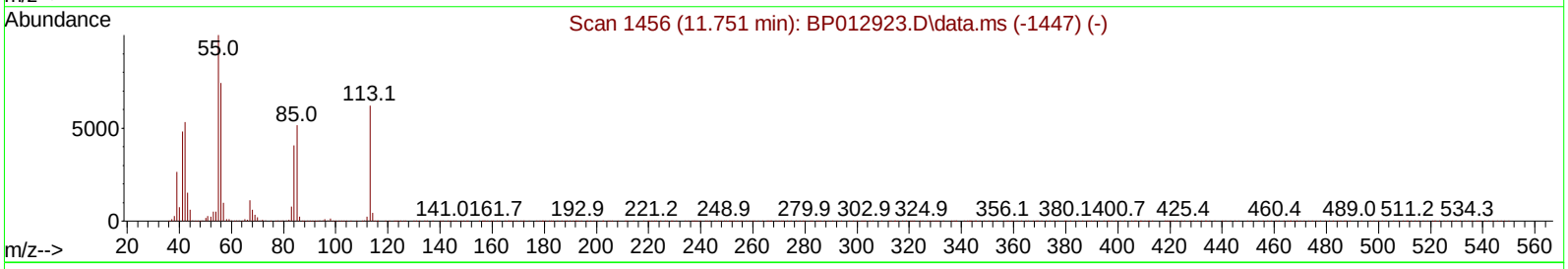

TIC: BP012923.D\data.ms

(34) Caprolactam

11.751min (0.000) 19.42 ng/ul

response 168324

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.20	162.19
56.00	120.90	120.91
0.00	0.00	0.00

Quantitation Report (Qedit)

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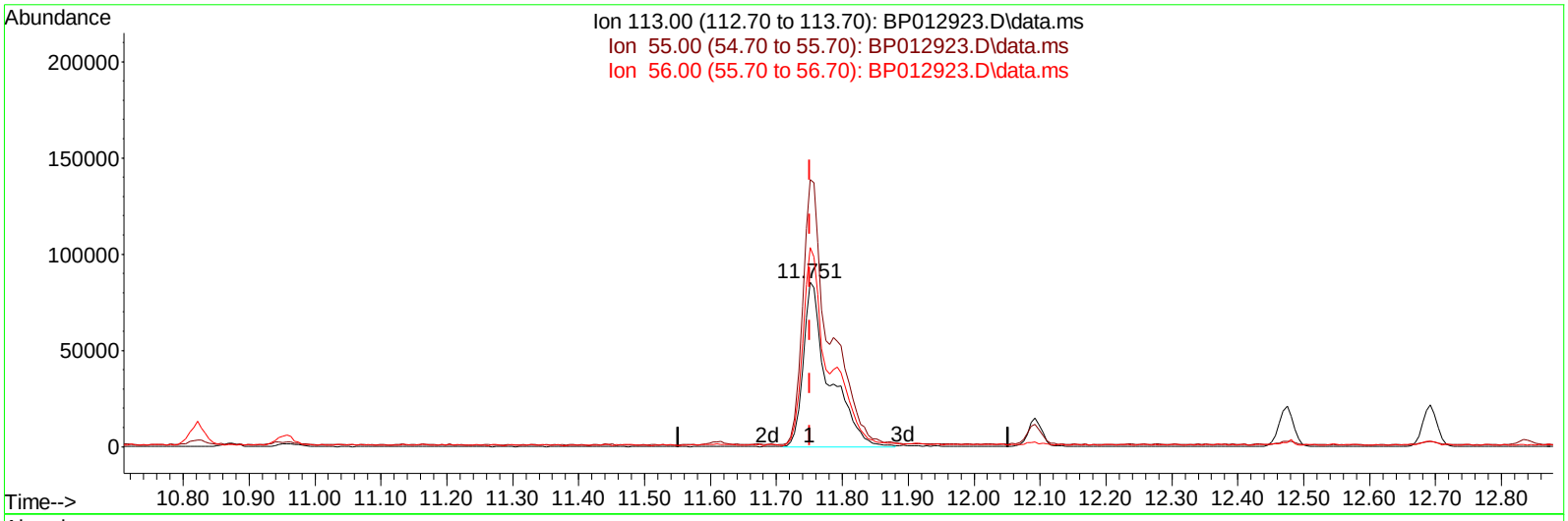

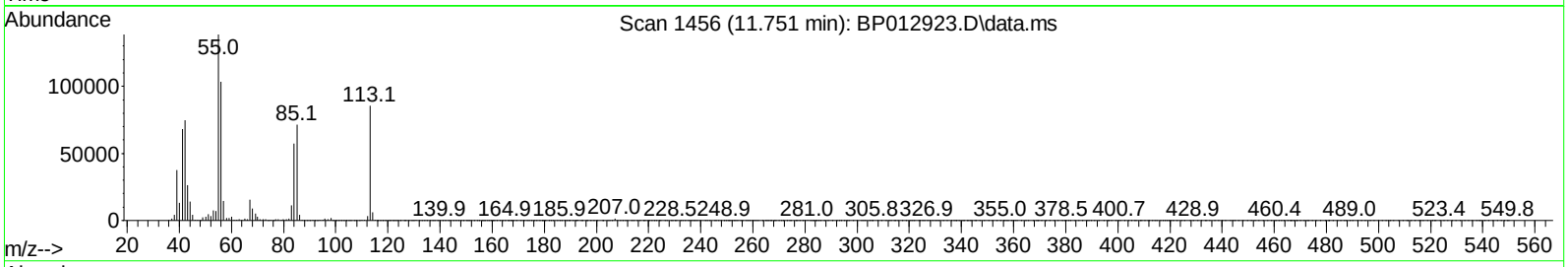

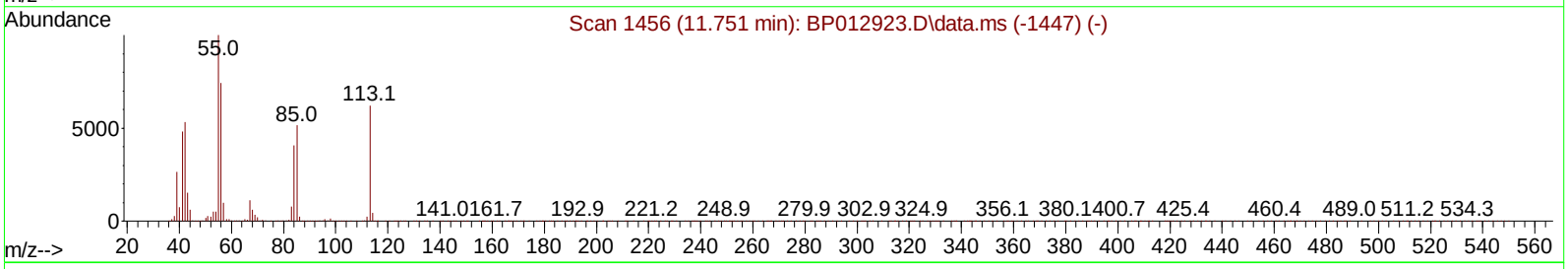

TIC: BP012923.D\data.ms

(34) Caprolactam

11.751min (0.000) 26.98 ng/ul m

response 233898

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.20	162.19
56.00	120.90	120.91
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	348774	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1797270	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	1350853	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	3206681	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	3607230	20.000	ng/ul	0.00
88) Perylene-d12	23.992	264	3934251	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	66937	8.224	ng/uL	0.00
4) Pyridine-d5	3.816	84	525336	21.568	ng/ul	0.00
7) Phenol-d5	7.157	99	677226	23.630	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	400526	22.680	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	509181	23.316	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	571969	24.770	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	266177	24.197	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	304281	26.051	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	613616	22.515	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	883923	23.685	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2055641	22.108	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	2285519	21.067	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	415059	25.038	ng/ul	0.00
60) Fluorene-d10	15.633	176	1815326	22.293	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	367666	23.989	ng/ul	0.00
73) Anthracene-d10	17.498	188	2996186	21.226	ng/ul	0.00
81) Pyrene-d10	19.721	212	3658365	17.454	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	4010681	20.754	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	68912	7.884	ng/uL	100
5) Pyridine	3.840	79	517218	21.702	ng/ul	100
6) Benzaldehyde	7.140	77	356494m	25.476	ng/ul	
8) Phenol	7.187	94	711468	23.675	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.422	93	564801	22.938	ng/ul	100
12) 2-Chlorophenol	7.569	128	548559	23.092	ng/ul	100
13) 2-Methylphenol	8.445	108	563264	24.116	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.540	45	800872	22.550	ng/ul	100
16) Acetophenone	8.834	105	927671	25.347	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.816	70	469754	26.055	ng/ul	100
18) 4-Methylphenol	8.775	108	630338	24.505	ng/ul	100
19) Hexachloroethane	9.098	117	200435	22.002	ng/ul	100
22) Nitrobenzene	9.216	77	651432	22.579	ng/ul	100
23) Isophorone	9.745	82	1399518	22.004	ng/ul	100
25) 2-Nitrophenol	9.928	139	348440	24.853	ng/ul	100
26) 2,4-Dimethylphenol	9.987	107	692136	22.216	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.222	93	844670	21.661	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	631515	22.368	ng/ul	100
30) Naphthalene	10.875	128	1991625	21.162	ng/ul	100
32) 4-Chloroaniline	10.981	127	924437	24.119	ng/ul	100
33) Hexachlorobutadiene	11.157	225	386922	20.576	ng/ul	100
34) Caprolactam	11.751	113	233898m	26.980	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	702286	24.565	ng/ul	100

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SSTD020626

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.475	142	1450913	22.388	ng/ul	100
37) 1-Methylnaphthalene	12.692	142	1465811	22.568	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.839	216	848338	19.694	ng/ul	100
40) Hexachlorocyclopentadiene	12.822	237	409492	19.729	ng/ul	100
41) 2,4,6-Trichlorophenol	13.075	196	581453	21.573	ng/ul	100
42) 2,4,5-Trichlorophenol	13.145	196	633445	21.862	ng/ul	100
43) 1,1'-Biphenyl	13.475	154	2000197	20.326	ng/ul	100
44) 2-Chloronaphthalene	13.522	162	1597919	20.298	ng/ul	100
45) 2-Nitroaniline	13.722	65	438369	28.460	ng/ul	100
47) Dimethylphthalate	14.092	163	2162239	22.184	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	405840	26.606	ng/ul	100
50) Acenaphthylene	14.363	152	2506410	21.128	ng/ul	100
51) 3-Nitroaniline	14.539	138	424059	24.005	ng/ul	100
52) Acenaphthene	14.704	153	1763271	21.112	ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	248573	25.360	ng/ul	100
55) 4-Nitrophenol	14.839	109	295881	24.567	ng/ul	100
56) Dibenzofuran	15.039	168	2504127	21.752	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	611471	27.165	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.263	232	594808	23.818	ng/ul	100
59) Diethylphthalate	15.457	149	2158181	22.875	ng/ul	100
61) Fluorene	15.692	166	2111014	22.866	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.680	204	1088463	22.724	ng/ul	100
63) 4-Nitroaniline	15.704	138	418244	27.778	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.763	198	398325	24.213	ng/ul	100
67) N-Nitrosodiphenylamine	15.892	169	1837361	20.161	ng/ul	100
68) 4-Bromophenyl-phenylether	16.580	248	674621	21.375	ng/ul	100
69) Hexachlorobenzene	16.698	284	824024	20.485	ng/ul	100
70) Atrazine	16.851	200	680099	21.751	ng/ul	100
71) Pentachlorophenol	17.039	266	511618	20.711	ng/ul	100
72) Phenanthrene	17.439	178	3567966	20.877	ng/ul	100
74) Anthracene	17.527	178	3609731	21.350	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.445	216	872013	17.590	ng/uL	100
76) Pentachlorobenzene	14.957	250	981875	19.053	ng/uL	100
77) Carbazole	17.798	167	3331132	23.289	ng/ul	100
78) Di-n-butylphthalate	18.339	149	4103805	24.236	ng/ul	100
80) Fluoranthene	19.398	202	4442944	17.042	ng/ul	100
82) Pyrene	19.751	202	4661571	17.288	ng/ul	100
83) Butylbenzylphthalate	20.615	149	1842314	29.197	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.392	252	1666406	25.156	ng/ul	100
85) Benzo(a)anthracene	21.462	228	4802623	19.249	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.374	149	2740073	28.395	ng/ul	100
87) Chrysene	21.521	228	4518333	18.730	ng/ul	100
89) Di-n-octyl phthalate	22.339	149	4792369	21.331	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	5166498	17.734	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	5043943	17.345	ng/ul	100
93) Benzo(a)pyrene	23.874	252	4622823	19.297	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.615	276	5715474	24.728	ng/ul	100
95) Dibenzo(a,h)anthracene	26.633	278	5161347	24.610	ng/ul	100
96) Benzo(g,h,i)perylene	27.421	276	4972196	25.011	ng/ul	100

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

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