Quantitation Report (Qedit)

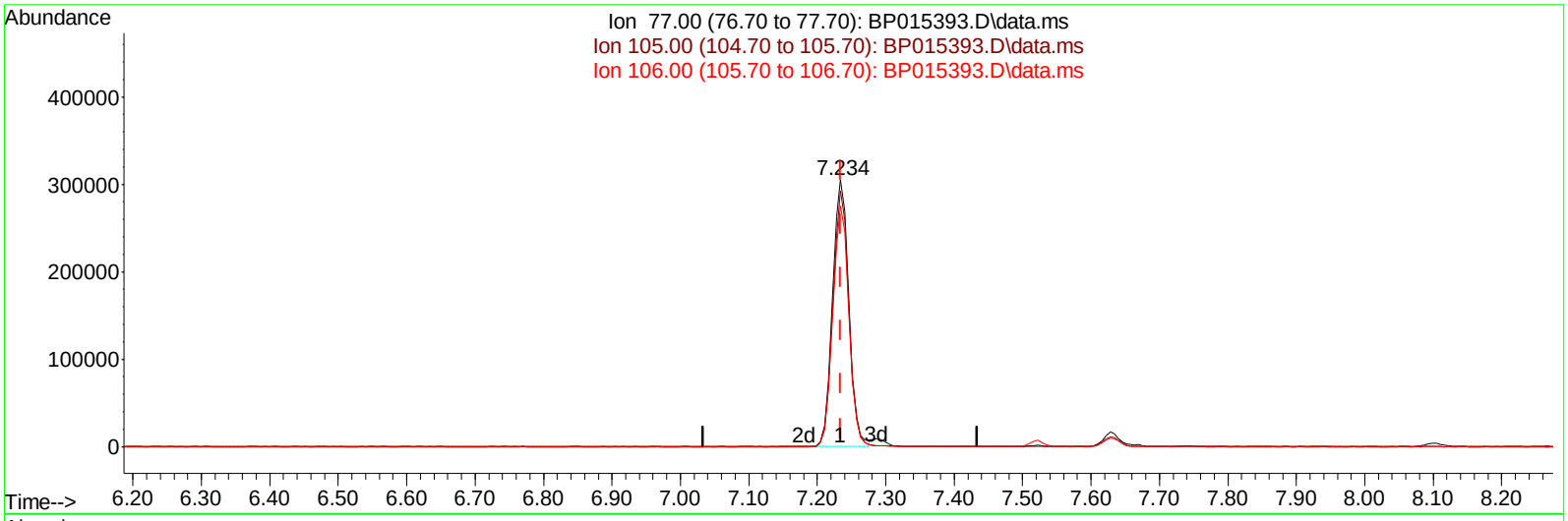
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015393.D
Acq On : 07 Jun 2023 11:50
Operator : MA/JU
Sample : SSTD08087
Misc :
ALS Vial : 6 Sample Multiplier: 1

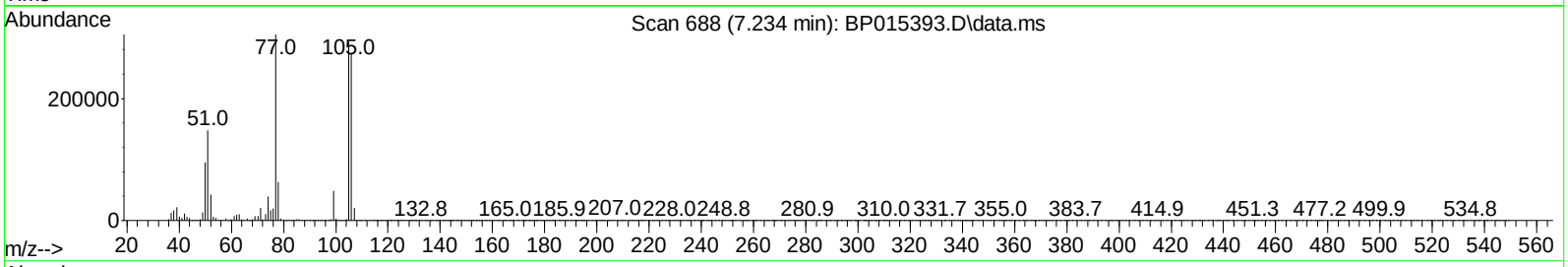
Quant Time: Jun 07 23:12:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 13:01:04 2023
Response via : Initial Calibration

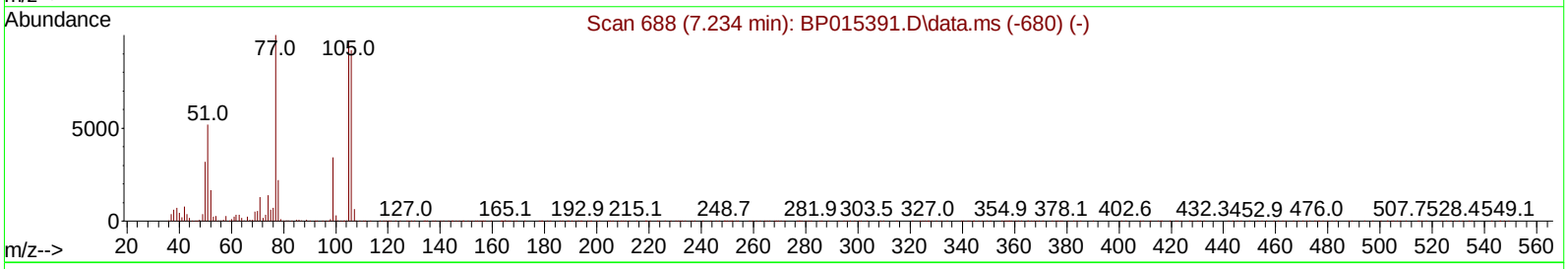
Instrument :
BNA_P
ClientSampleId :
SSTD080629

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023







TIC: BP015393.D\data.ms

(6) Benzaldehyde

7.234min (-0.000) 95.26 ng/ul

response 501111

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	95.93
106.00	91.60	90.25
0.00	0.00	0.00

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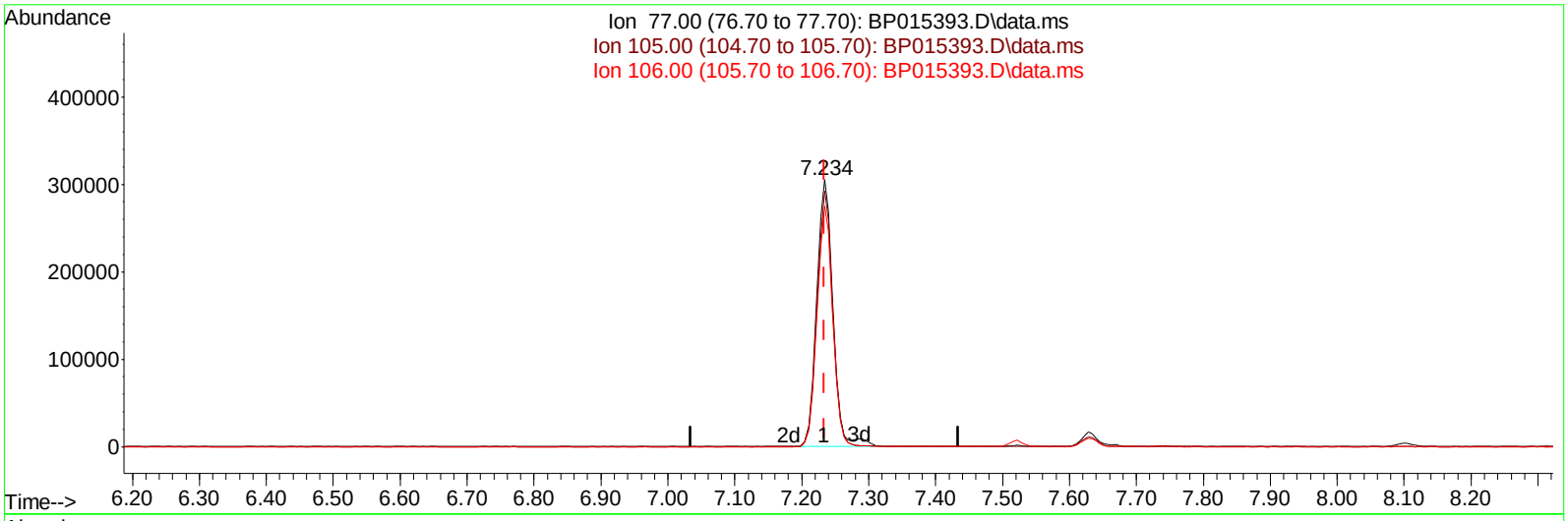

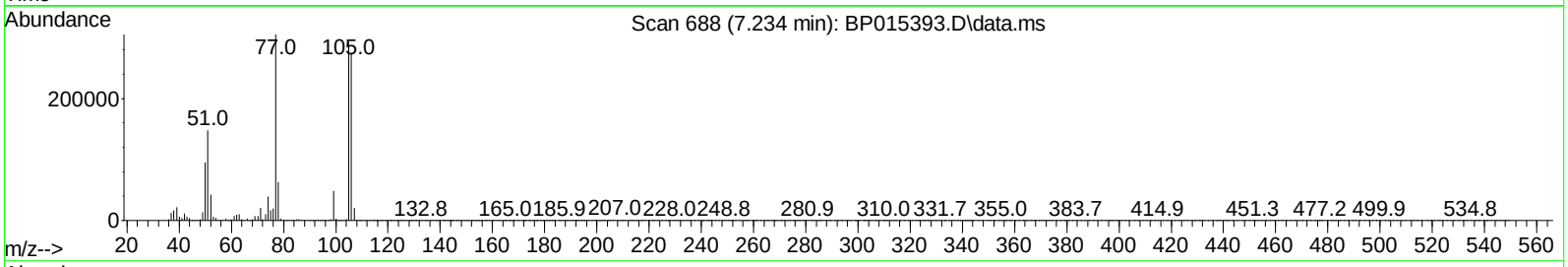

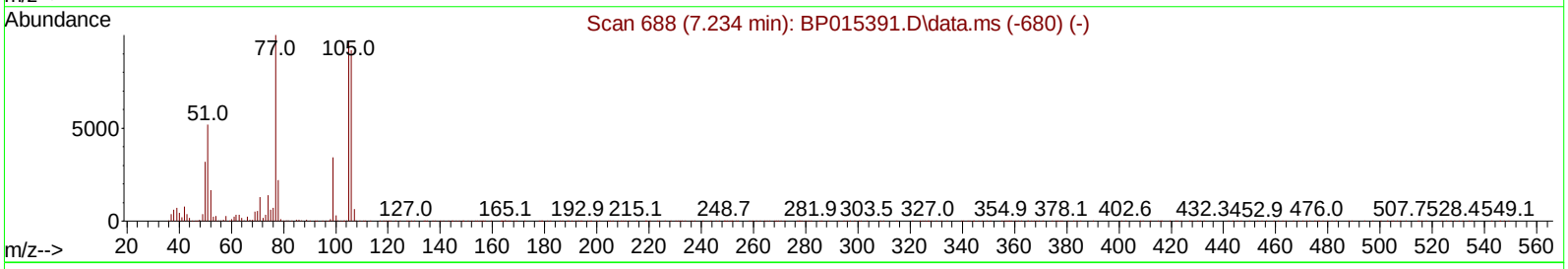

TIC: BP015393.D\data.ms

(6) Benzaldehyde

7.234min (-0.000) 97.69 ng/ul m

response 513927

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	95.93
106.00	91.60	90.25
0.00	0.00	0.00

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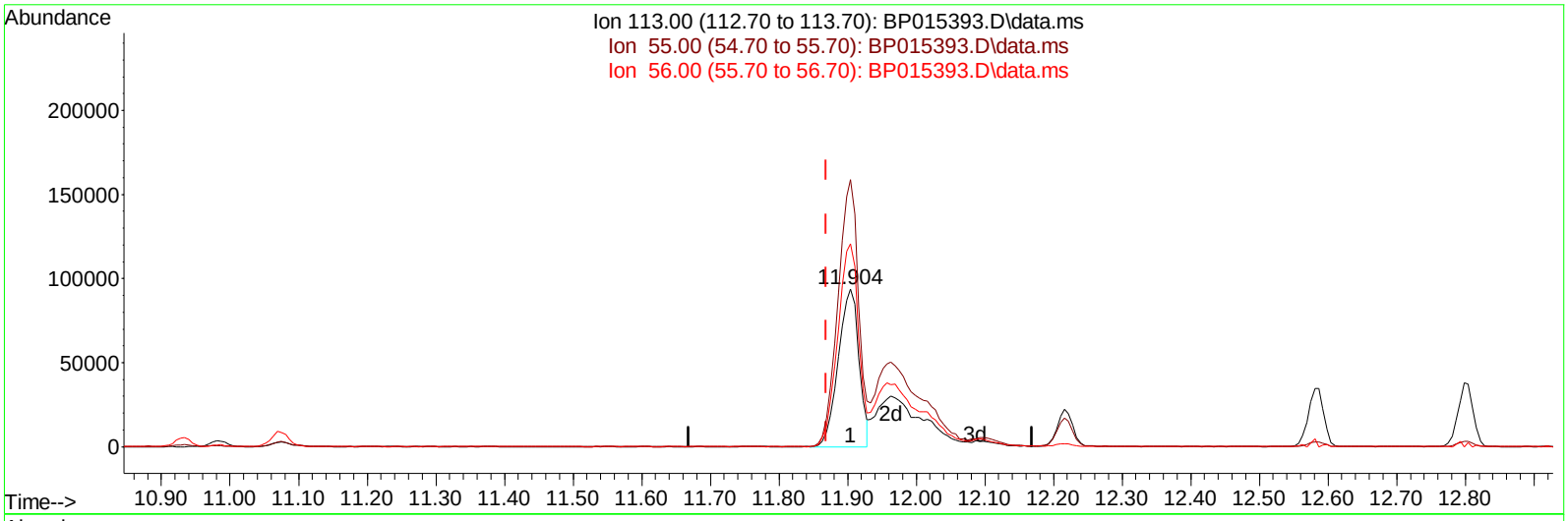

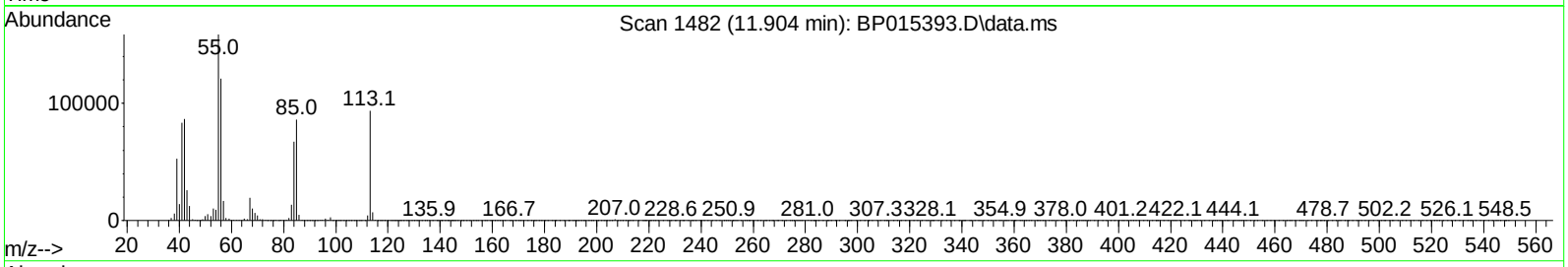

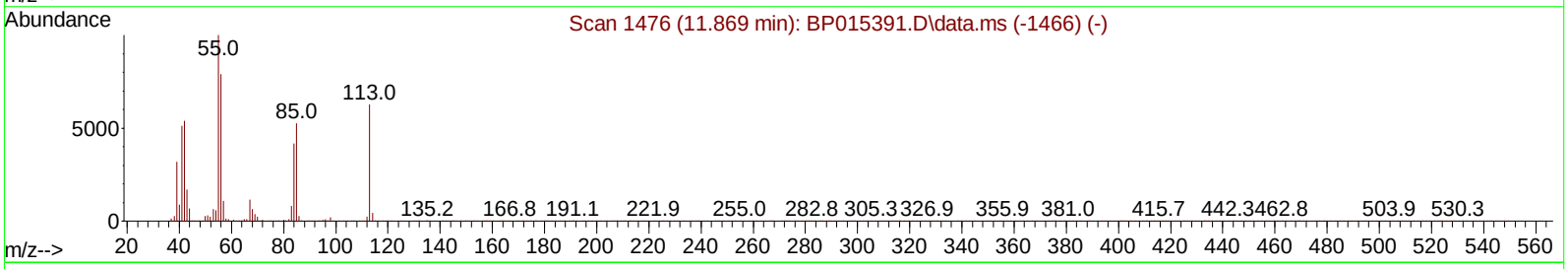

TIC: BP015393.D\data.ms

(34) Caprolactam

11.904min (+ 0.035) 46.97 ng/ul

response 195239

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.90	169.11
56.00	126.40	128.78
0.00	0.00	0.00

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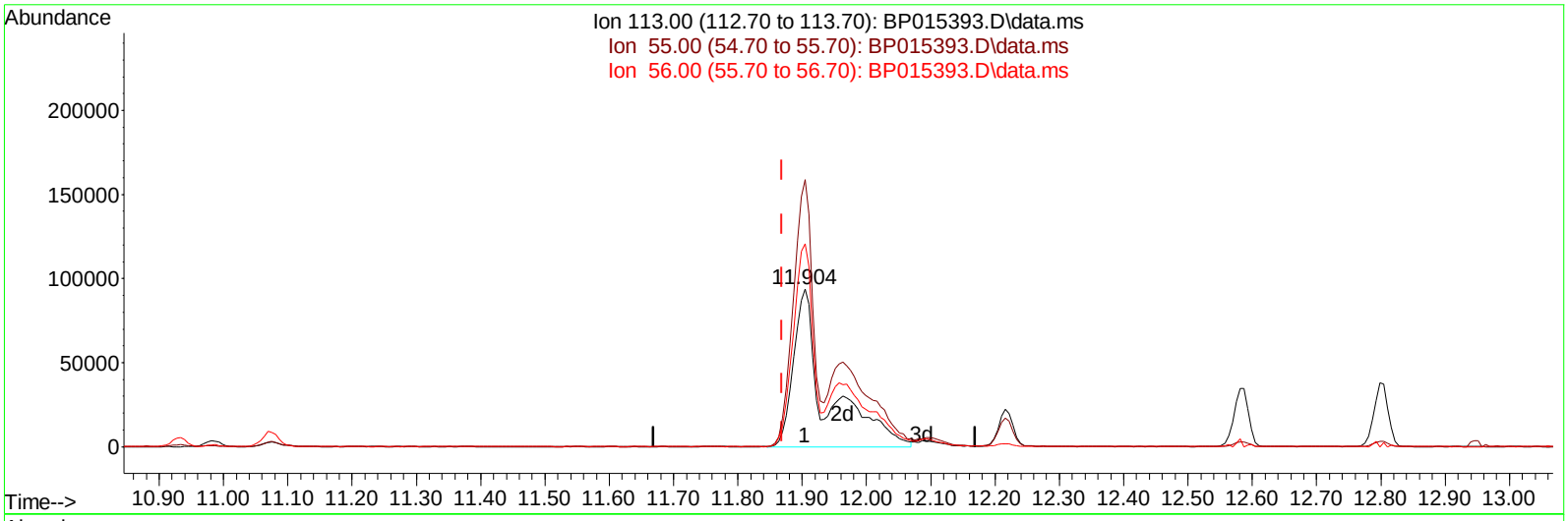

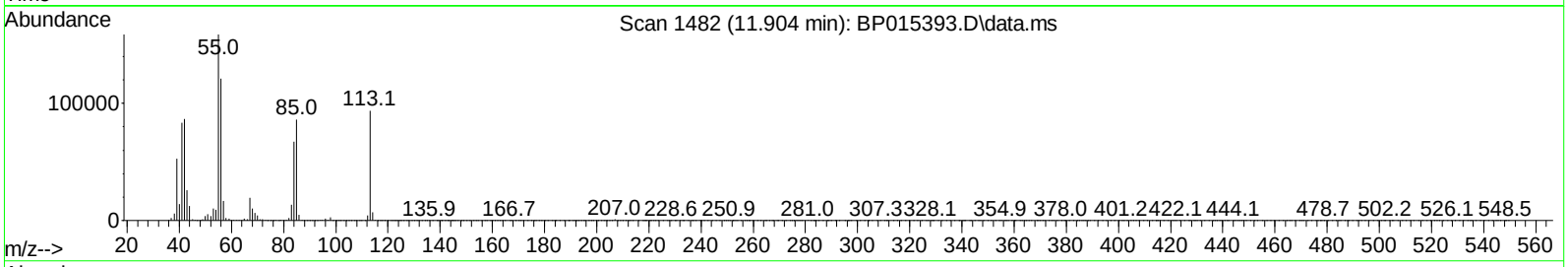

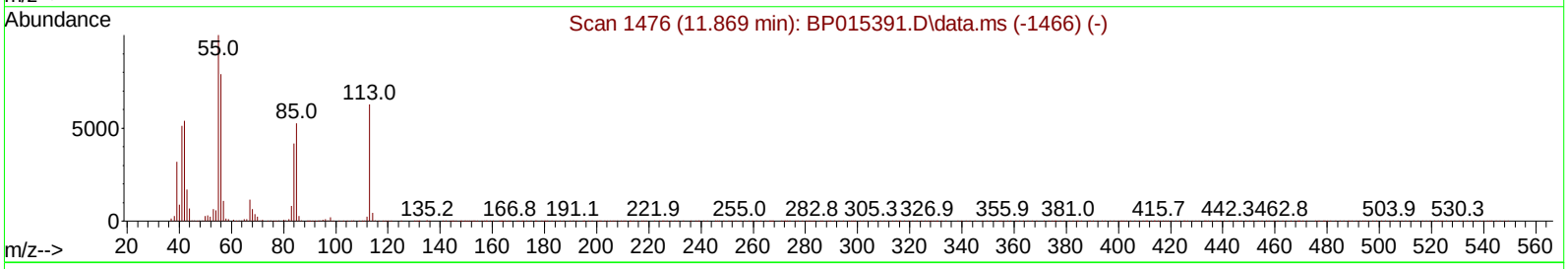

TIC: BP015393.D\data.ms

(34) Caprolactam

11.904min (+ 0.035) 80.65 ng/ul m

response 335281

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.90	169.11
56.00	126.40	128.78
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	152647	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	681838	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.745	164	443000	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	1011781	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	980217	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1207582	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	128870	31.675	ng/uL	0.00
4) Pyridine-d5	3.846	84	884643	82.619	ng/ul	0.00
7) Phenol-d5	7.257	99	1172089	83.347	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	667030	79.422	ng/ul	0.00
11) 2-Chlorophenol-d4	7.628	132	856690	84.023	ng/ul	0.00
15) 4-Methylphenol-d8	8.828	113	944655	81.848	ng/ul	0.01
21) Nitrobenzene-d5	9.287	128	452818	84.590	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	530409	86.764	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	936200	83.953	ng/ul	0.00
31) 4-Chloroaniline-d4	11.075	131	1263691	78.948	ng/ul	0.00
46) Dimethylphthalate-d6	14.157	166	2761818	79.060	ng/ul	0.00
49) Acenaphthylene-d8	14.445	160	3082225	80.691	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	531125	85.738	ng/ul	0.01
60) Fluorene-d10	15.745	176	2281991	77.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	546702	85.293	ng/ul	0.01
73) Anthracene-d10	17.610	188	3628344	78.818	ng/ul	0.01
81) Pyrene-d10	19.827	212	4248016	80.972	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	4941846	81.560	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	136832	31.944	ng/uL	93
5) Pyridine	3.869	79	921537	83.016	ng/ul	99
6) Benzaldehyde	7.234	77	513927m	97.692	ng/ul	
8) Phenol	7.287	94	1196919	82.499	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.522	93	919688	80.176	ng/ul	99
12) 2-Chlorophenol	7.663	128	901017	83.640	ng/ul	98
13) 2-Methylphenol	8.552	108	924621	82.831	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.640	45	1204522	79.240	ng/ul	98
16) Acetophenone	8.940	105	1467274	79.660	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.934	70	771656	77.621	ng/ul	98
18) 4-Methylphenol	8.893	108	998975	81.338	ng/ul	98
19) Hexachloroethane	9.193	117	365675	80.329	ng/ul	98
22) Nitrobenzene	9.328	77	1175264	82.787	ng/ul	98
23) Isophorone	9.863	82	2292660	80.676	ng/ul	100
25) 2-Nitrophenol	10.046	139	556983	84.387	ng/ul	97
26) 2,4-Dimethylphenol	10.098	107	1139654	81.420	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.334	93	1305649	79.026	ng/ul	99
29) 2,4-Dichlorophenol	10.581	162	930821	83.952	ng/ul	98
30) Naphthalene	10.987	128	2933610	79.399	ng/ul	100
32) 4-Chloroaniline	11.098	127	1319503	79.669	ng/ul	99
33) Hexachlorobutadiene	11.263	225	598347	80.020	ng/ul	97
34) Caprolactam	11.904	113	335281m	80.655	ng/ul	
35) 4-Chloro-3-methylphenol	12.216	107	1091179	81.226	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.581	142	2022601	77.869	ng/ul	98
37) 1-Methylnaphthalene	12.804	142	2018880	77.198	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.945	216	1141880	82.777	ng/ul	99
40) Hexachlorocyclopentadiene	12.922	237	561280	99.262	ng/ul	95
41) 2,4,6-Trichlorophenol	13.187	196	794992	86.588	ng/ul	99
42) 2,4,5-Trichlorophenol	13.263	196	860807	86.038	ng/ul	98
43) 1,1'-Biphenyl	13.587	154	2731018	79.717	ng/ul	100
44) 2-Chloronaphthalene	13.628	162	2165572	80.568	ng/ul	99
45) 2-Nitroaniline	13.839	65	758174	88.134	ng/ul	98
47) Dimethylphthalate	14.204	163	2830996	78.490	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	632243	85.559	ng/ul	98
50) Acenaphthylene	14.475	152	3342337	79.014	ng/ul	100
51) 3-Nitroaniline	14.663	138	544177	89.207	ng/ul	100
52) Acenaphthene	14.816	153	2296011	78.522	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	417309	93.879	ng/ul	99
55) 4-Nitrophenol	14.975	109	517603	85.779	ng/ul	93
56) Dibenzofuran	15.145	168	3177498	76.671	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	902951	83.079	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.375	232	750514	83.081	ng/ul	97
59) Diethylphthalate	15.563	149	2868825	77.607	ng/ul	100
61) Fluorene	15.798	166	2538146	75.129	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.786	204	1289896	75.757	ng/ul	100
63) 4-Nitroaniline	15.833	138	530371	92.319	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.886	198	550887	84.269	ng/ul	94
67) N-Nitrosodiphenylamine	16.004	169	2235464	77.880	ng/ul	99
68) 4-Bromophenyl-phenylether	16.686	248	876092	80.937	ng/ul	99
69) Hexachlorobenzene	16.804	284	1027222	80.451	ng/ul	96
70) Atrazine	16.963	200	926713	80.848	ng/ul	99
71) Pentachlorophenol	17.151	266	635598	88.593	ng/ul	99
72) Phenanthrene	17.551	178	4249384	78.263	ng/ul	100
74) Anthracene	17.645	178	4250536	77.155	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.551	216	1175812	84.203	ng/uL	99
76) Pentachlorobenzene	15.069	250	1171082	80.099	ng/uL	98
77) Carbazole	17.910	167	3931990	79.266	ng/ul	99
78) Di-n-butylphthalate	18.439	149	4940170	78.494	ng/ul	99
80) Fluoranthene	19.504	202	5165160	80.826	ng/ul	98
82) Pyrene	19.857	202	5226598	79.054	ng/ul	98
83) Butylbenzylphthalate	20.710	149	2430382	83.170	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	1925406	83.143	ng/ul	99
85) Benzo(a)anthracene	21.574	228	5446186	79.478	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	3536004	81.867	ng/ul	100
87) Chrysene	21.633	228	5095369	78.668	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	6310039	79.506	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	6126949	78.602	ng/ul	100
91) Benzo(k)fluoranthene	23.415	252	5991775	79.519	ng/ul	100
93) Benzo(a)pyrene	24.045	252	5445020	80.120	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.886	276	7464284	84.867	ng/ul	98
95) Dibenzo(a,h)anthracene	26.898	278	6073276	84.757	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	6148613	84.830	ng/ul	99

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

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