Quantitation Report (Qedit)

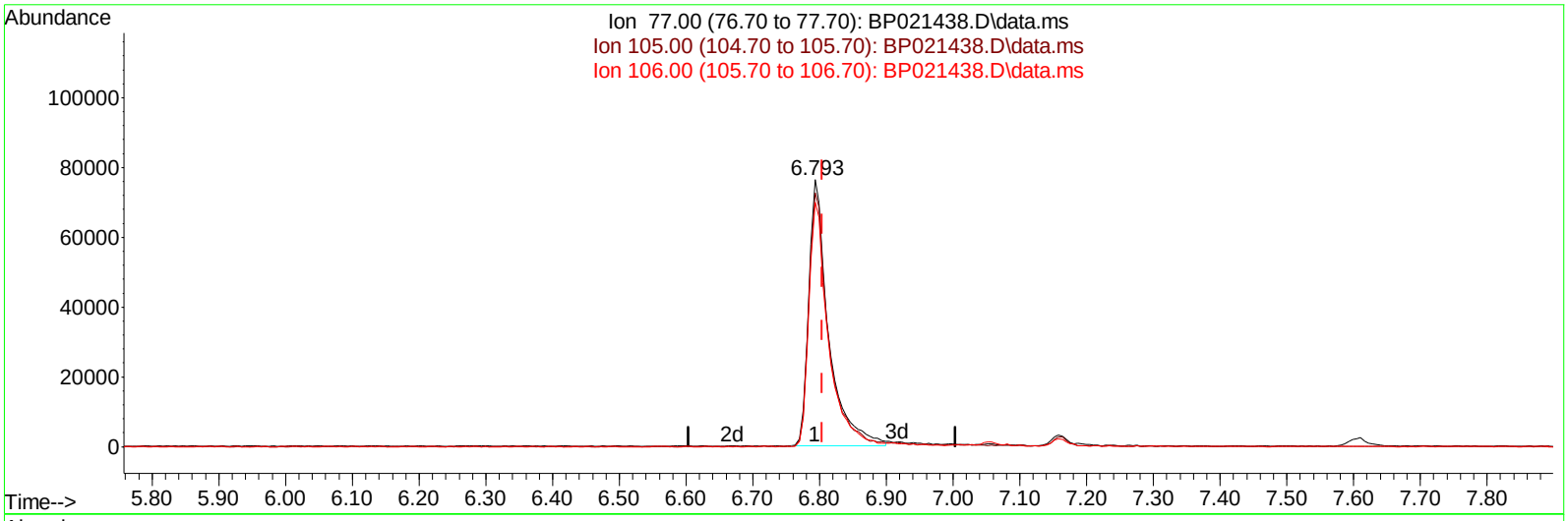
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021438.D
Acq On : 08 Aug 2024 05:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

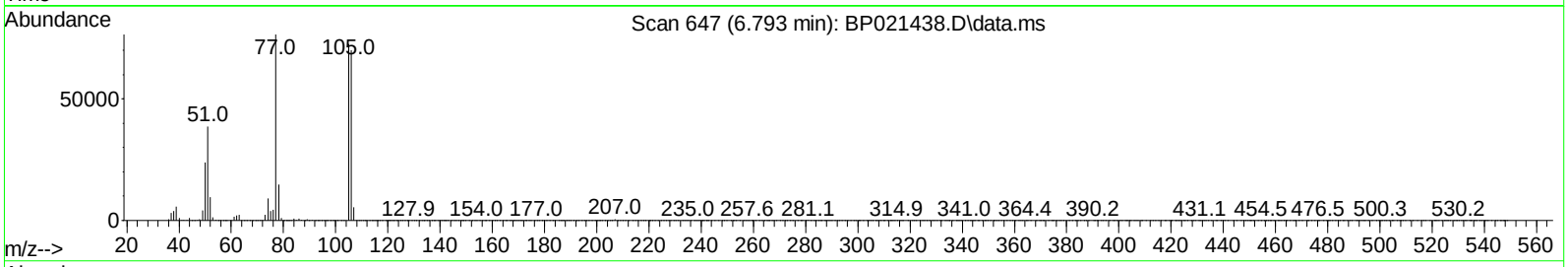
Quant Time: Aug 08 06:08:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

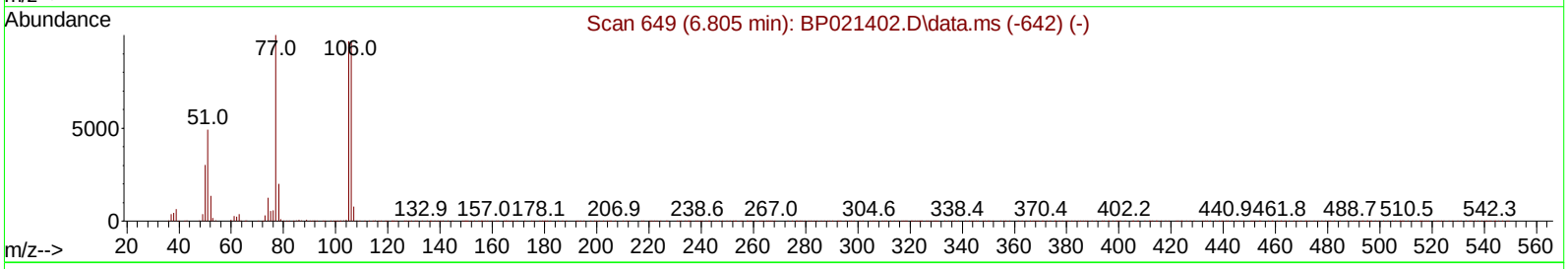
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024







TIC: BP021438.D\data.ms

(6) Benzaldehyde

6.793min (-0.011) 27.67 ng/ul

response 157691

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.10	95.08
106.00	93.30	91.59
0.00	0.00	0.00

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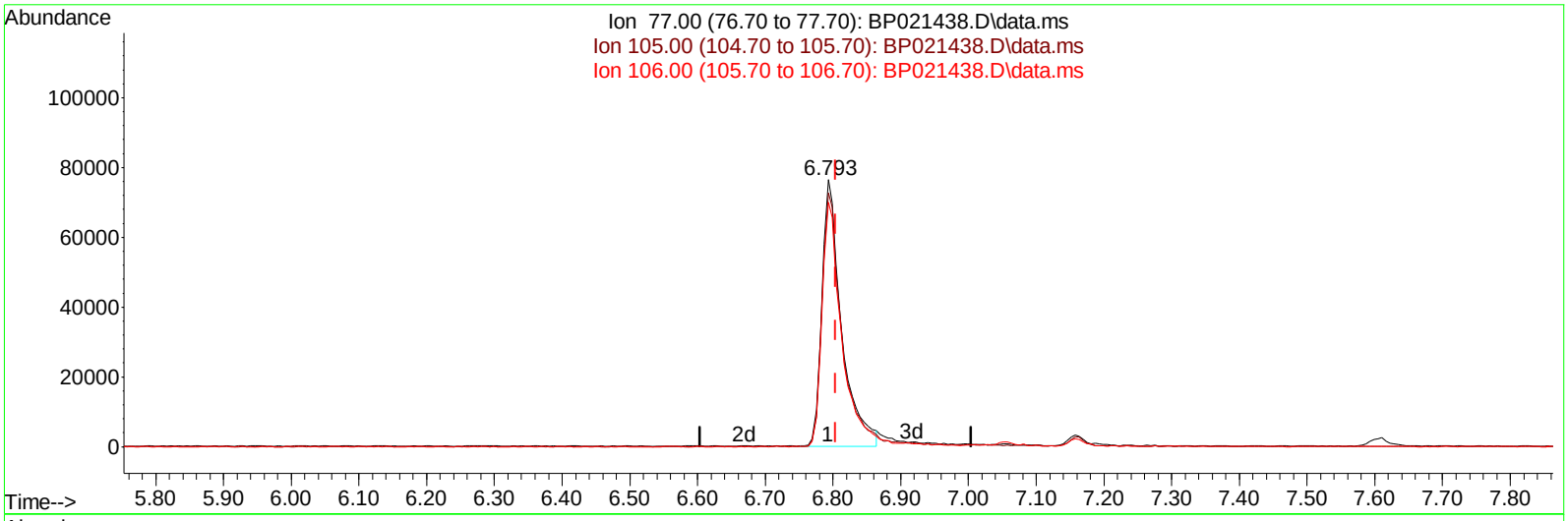

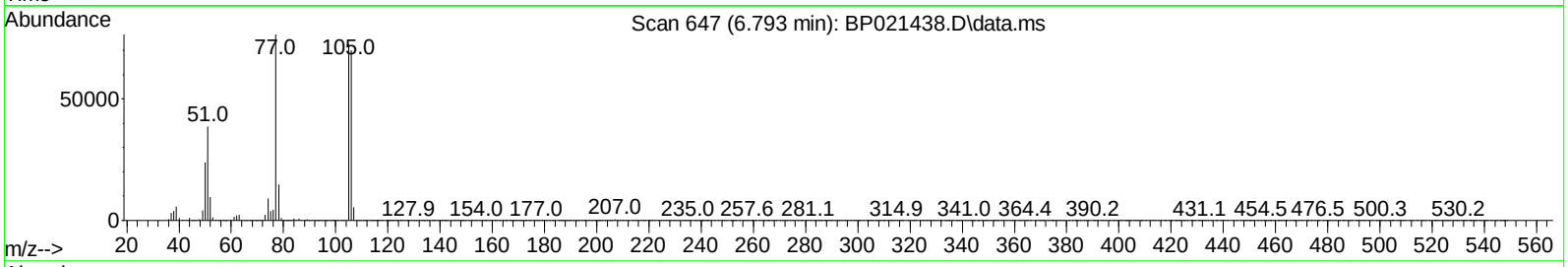

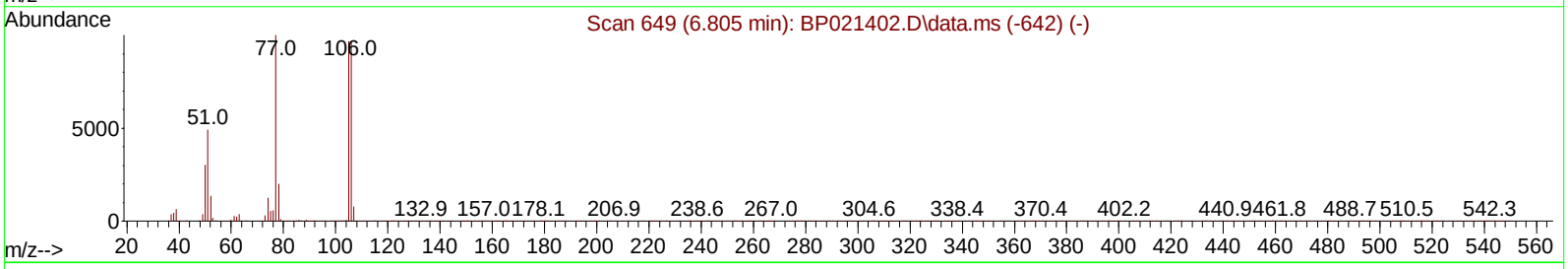

TIC: BP021438.D\data.ms

(6) Benzaldehyde

6.793min (-0.011) 27.05 ng/ul m

response 154149

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.10	95.08
106.00	93.30	91.59
0.00	0.00	0.00

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LabSampleId :
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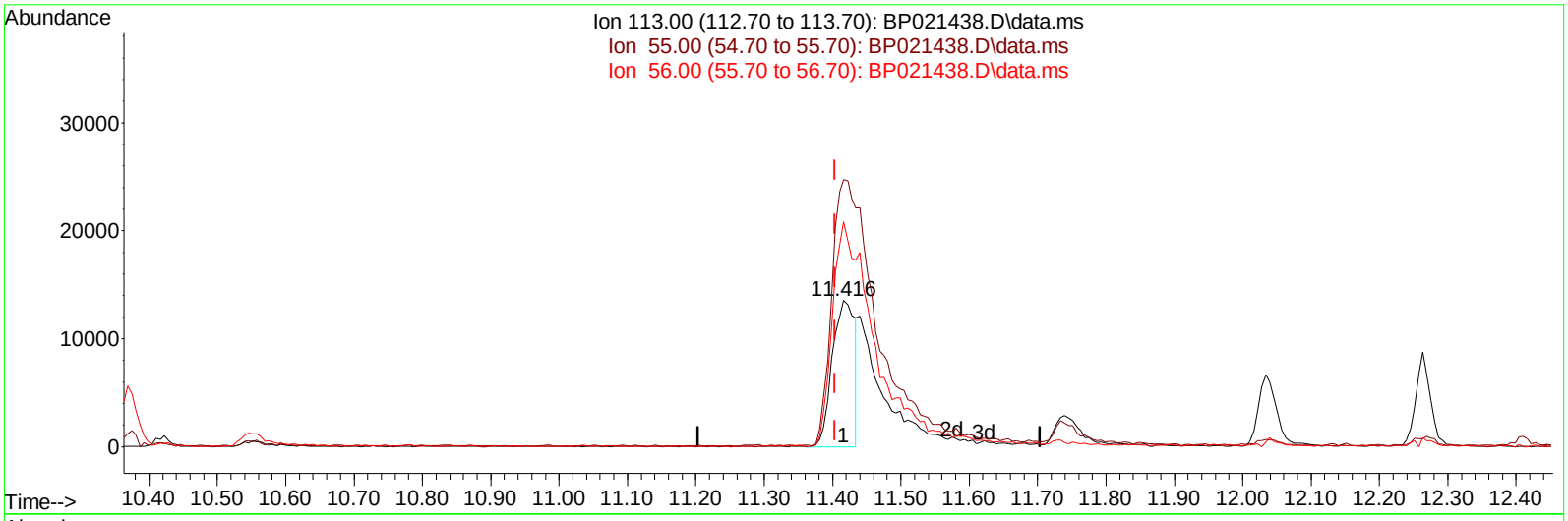

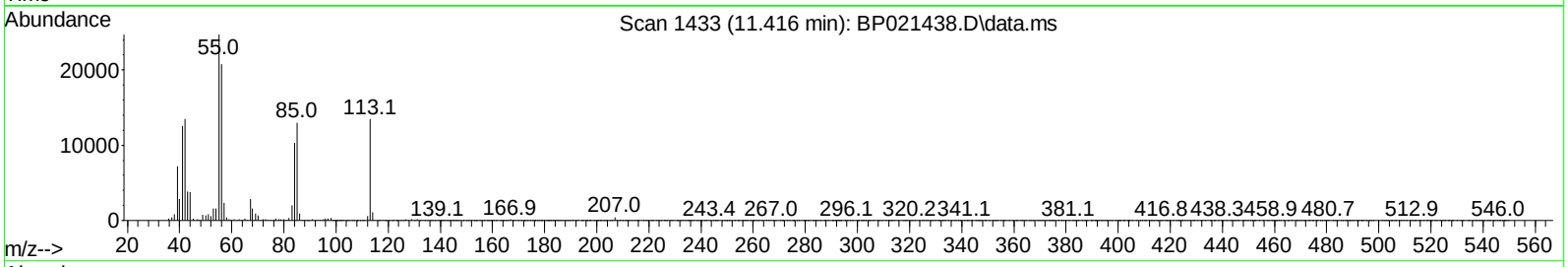

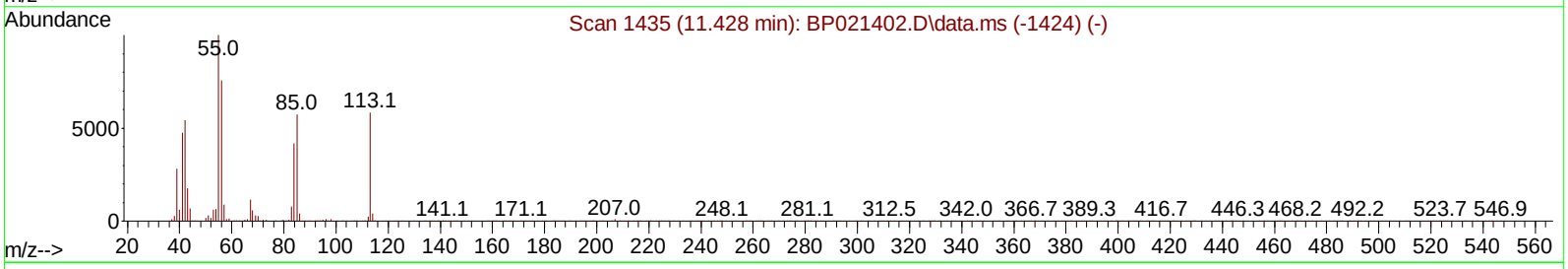

TIC: BP021438.D\data.ms

(34) Caprolactam

11.416min (+ 0.012) 9.65 ng/ul

response 31252

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	182.68
56.00	131.90	153.83
0.00	0.00	0.00

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Instrument :
BNA_P
LabSampleId :
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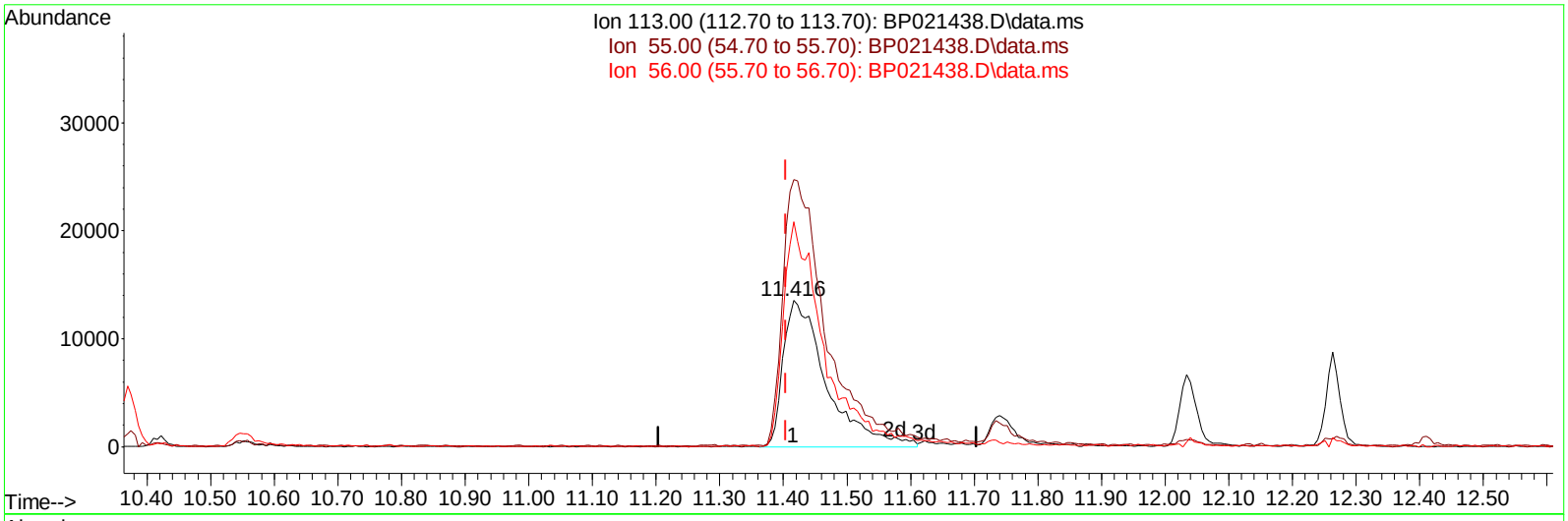

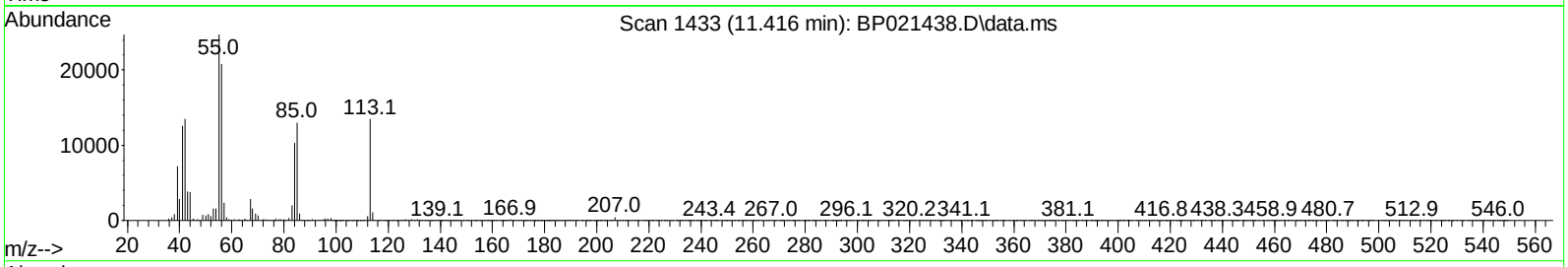

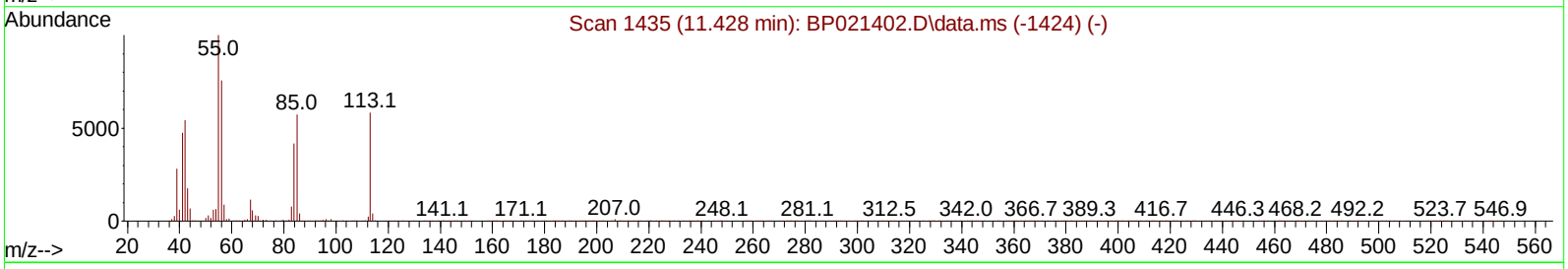

TIC: BP021438.D\data.ms

(34) Caprolactam

11.416min (+ 0.012) 19.70 ng/ul m

response 63795

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	182.68
56.00	131.90	153.83
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	138659	20.000	ng/ul	-0.03
20) Naphthalene-d8	10.375	136	663623	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.246	164	442646	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.063	188	877829	20.000	ng/ul	-0.03
79) Chrysene-d12	21.504	240	1035297	20.000	ng/ul	-0.03
88) Perylene-d12	24.792	264	1190662	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	28998	9.517	ng/uL	-0.02
4) Pyridine-d5	3.575	84	174081	19.734	ng/ul	-0.02
7) Phenol-d5	6.834	99	243422	21.533	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.964	67	151998	22.187	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.158	132	190790	20.484	ng/ul	-0.02
15) 4-Methylphenol-d8	8.352	113	165288	17.605	ng/ul	-0.01
21) Nitrobenzene-d5	8.775	128	99822	19.366	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.487	143	110451	18.722	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.052	165	198677	18.624	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	278003	19.671	ng/ul	0.00
46) Dimethylphthalate-d6	13.669	166	611932	19.017	ng/ul	-0.01
49) Acenaphthylene-d8	13.940	160	718214	19.878	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.587	143	113267	24.740	ng/ul	0.00
60) Fluorene-d10	15.269	176	498907	18.899	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.451	200	91264	17.183	ng/ul	-0.01
73) Anthracene-d10	17.181	188	780641	20.022	ng/ul	-0.01
81) Pyrene-d10	19.557	212	1087491	16.990	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.551	264	1153259	19.639	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	31946	9.533	ng/uL	97
5) Pyridine	3.593	79	174059	19.130	ng/ul	94
6) Benzaldehyde	6.793	77	154149m	27.048	ng/ul	
8) Phenol	6.858	94	254515	22.250	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.052	93	201401	21.313	ng/ul	95
12) 2-Chlorophenol	7.187	128	191331	20.496	ng/ul	99
13) 2-Methylphenol	8.087	108	164433	18.587	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.122	45	235963	17.284	ng/ul#	88
16) Acetophenone	8.446	105	293987	20.288	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.411	70	136274	17.948	ng/ul	98
18) 4-Methylphenol	8.428	108	188737	19.914	ng/ul	99
19) Hexachloroethane	8.640	117	89475	21.330	ng/ul	97
22) Nitrobenzene	8.822	77	248842	20.153	ng/ul	98
23) Isophorone	9.328	82	452986	18.454	ng/ul	98
25) 2-Nitrophenol	9.522	139	116882	18.996	ng/ul	98
26) 2,4-Dimethylphenol	9.593	107	235830	19.437	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.799	93	277283	18.584	ng/ul	99
29) 2,4-Dichlorophenol	10.075	162	196089	18.651	ng/ul	98
30) Naphthalene	10.422	128	690478	19.780	ng/ul	100
32) 4-Chloroaniline	10.575	127	274269	20.324	ng/ul	99
33) Hexachlorobutadiene	10.681	225	145948	18.514	ng/ul	95
34) Caprolactam	11.416	113	63795m	19.698	ng/ul	
35) 4-Chloro-3-methylphenol	11.734	107	228085	19.959	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.034	142	464476	19.384	ng/ul	98
37) 1-Methylnaphthalene	12.263	142	478622	19.421	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.410	216	273269	19.010	ng/ul	97
40) Hexachlorocyclopentadiene	12.357	237	99725	13.261	ng/ul	98
41) 2,4,6-Trichlorophenol	12.693	196	163107	17.956	ng/ul	100
42) 2,4,5-Trichlorophenol	12.799	196	172443	17.943	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	610843	18.883	ng/ul	98
44) 2-Chloronaphthalene	13.110	162	496059	19.208	ng/ul	99
45) 2-Nitroaniline	13.375	65	151898	21.269	ng/ul	90
47) Dimethylphthalate	13.722	163	626106	19.176	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	124480	19.070	ng/ul	92
50) Acenaphthylene	13.969	152	811775	19.843	ng/ul	100
51) 3-Nitroaniline	14.228	138	124083	21.844	ng/ul#	99
52) Acenaphthene	14.310	153	538253	19.824	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	64569	18.836	ng/ul	94
55) 4-Nitrophenol	14.604	109	101057	27.136	ng/ul	97
56) Dibenzofuran	14.663	168	752415	20.236	ng/ul	99
57) 2,4-Dinitrotoluene	14.693	165	196351	21.912	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.922	232	162273	19.718	ng/ul	99
59) Diethylphthalate	15.093	149	625544	19.171	ng/ul	99
61) Fluorene	15.328	166	571133	18.823	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	296534	18.011	ng/ul	97
63) 4-Nitroaniline	15.416	138	109623	23.304	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.469	198	99360	17.640	ng/ul	96
67) N-Nitrosodiphenylamine	15.545	169	485193	18.981	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	188432	18.314	ng/ul	98
69) Hexachlorobenzene	16.351	284	233607	19.801	ng/ul	94
70) Atrazine	16.534	200	174838	18.767	ng/ul	100
71) Pentachlorophenol	16.740	266	102173	15.946	ng/ul	97
72) Phenanthrene	17.110	178	910576	19.996	ng/ul	99
74) Anthracene	17.222	178	933360	20.105	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	268627	19.119	ng/uL	99
76) Pentachlorobenzene	14.581	250	274007	19.626	ng/uL	99
77) Carbazole	17.510	167	814249	21.455	ng/ul	100
78) Di-n-butylphthalate	18.069	149	920925	17.589	ng/ul	99
80) Fluoranthene	19.216	202	1144553	14.807	ng/ul	100
82) Pyrene	19.592	202	1331178	16.924	ng/ul	98
83) Butylbenzylphthalate	20.528	149	512426	15.636	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.422	252	436180	18.438	ng/ul	100
85) Benzo(a)anthracene	21.486	228	1389729	19.163	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	704048	14.928	ng/ul	99
87) Chrysene	21.557	228	1297647	19.256	ng/ul	100
89) Di-n-octyl phthalate	22.616	149	1228551	15.619	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	1391447	19.257	ng/ul	99
91) Benzo(k)fluoranthene	23.816	252	1416588	19.645	ng/ul	99
93) Benzo(a)pyrene	24.627	252	1331479	19.500	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.527	276	1626912	18.491	ng/ul	96
95) Dibenzo(a,h)anthracene	28.574	278	1351541	18.550	ng/ul	99
96) Benzo(g,h,i)perylene	29.721	276	1277738	17.832	ng/ul	98

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

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