Quantitation Report (Qedit)

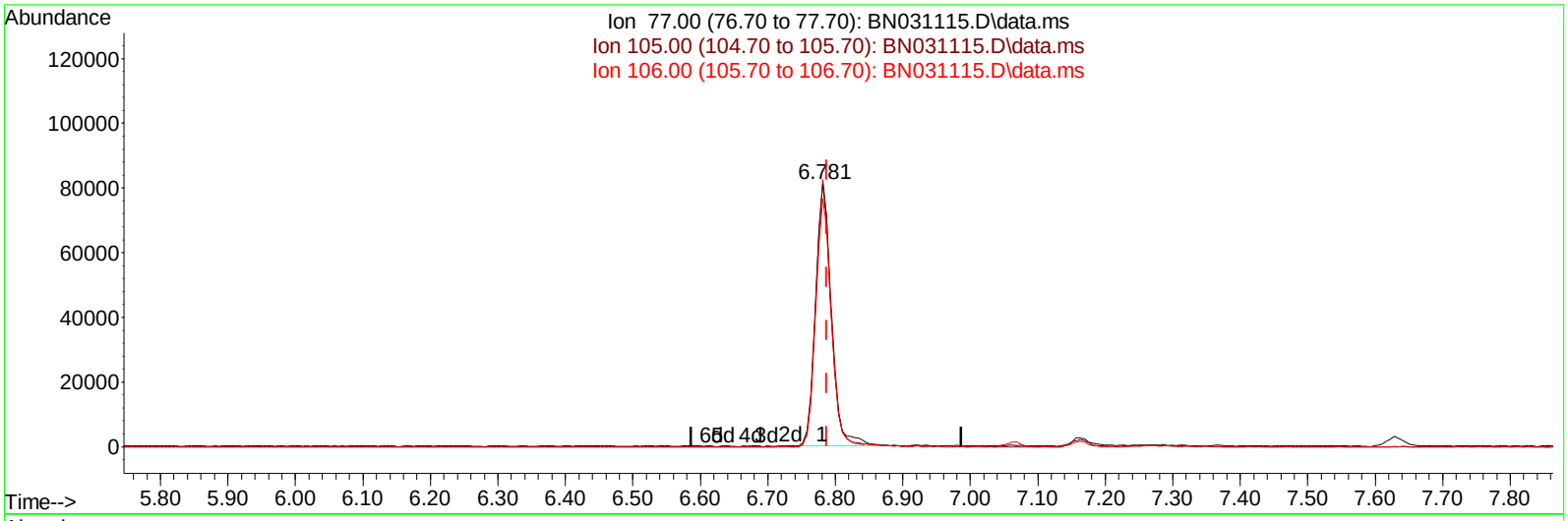
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031115.D
Acq On : 22 Apr 2024 10:16
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

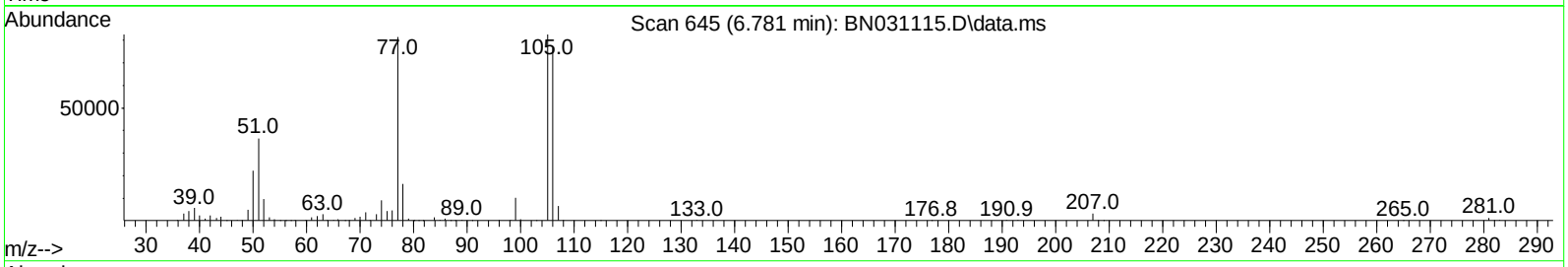
Quant Time: Apr 22 23:25:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

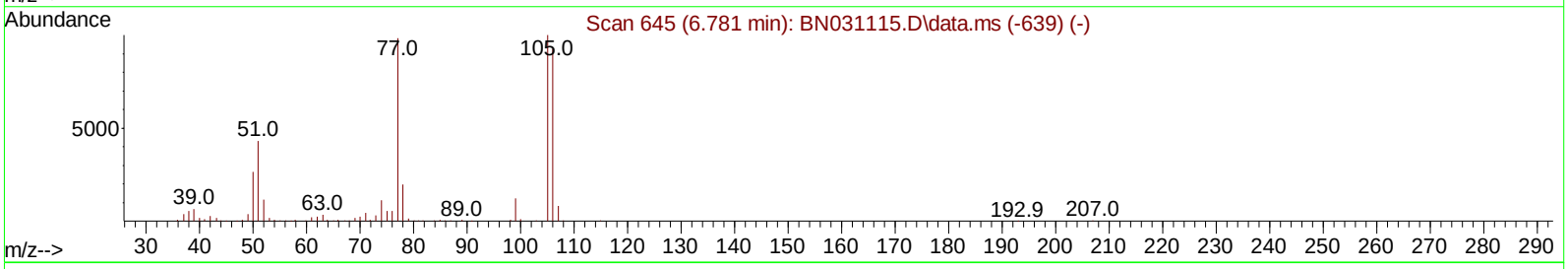
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024







TIC: BN031115.D\data.ms

(6) Benzaldehyde

6.781min (-0.006) 25.11 ng/ul

response 132756

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.00	101.51
106.00	93.80	94.24
0.00	0.00	0.00

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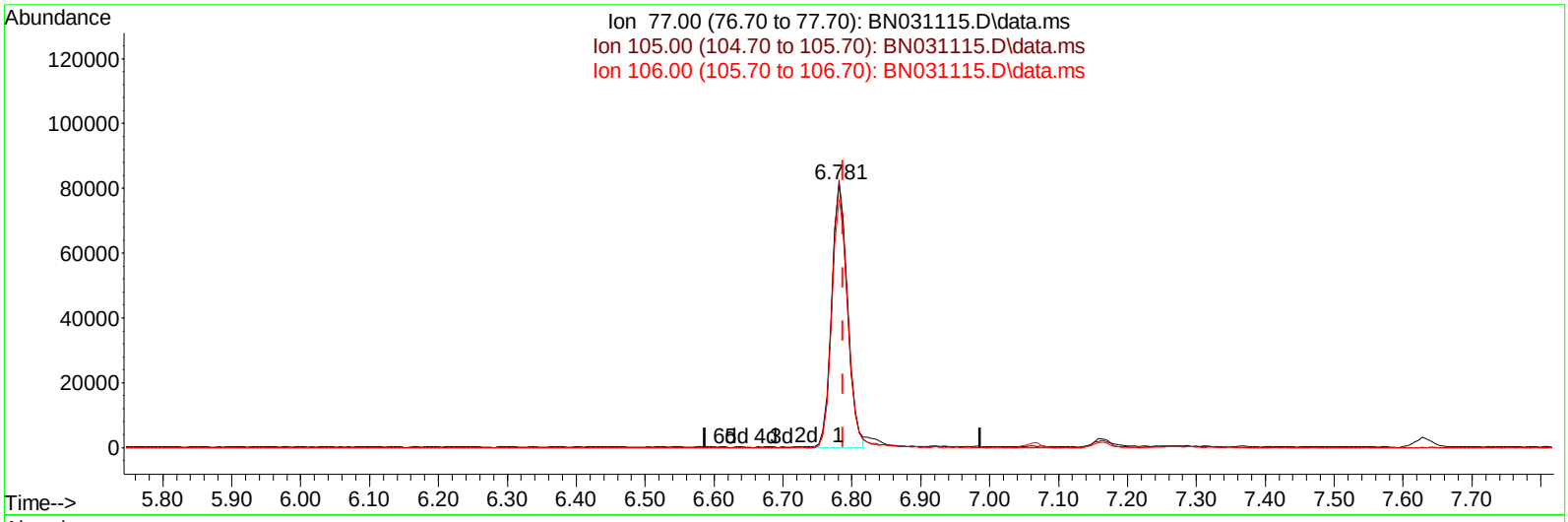

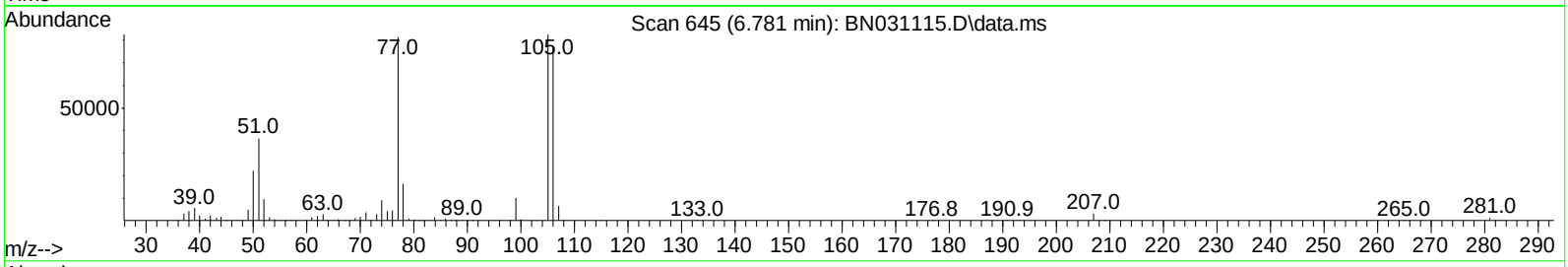

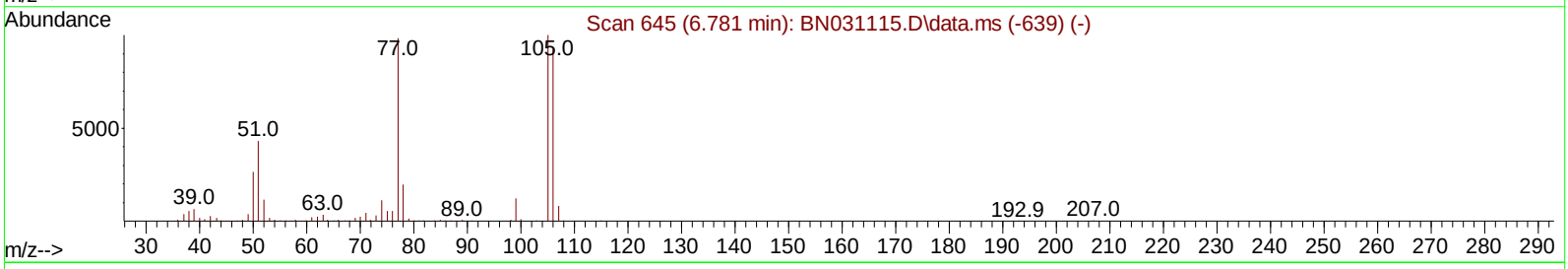

TIC: BN031115.D\data.ms

(6) Benzaldehyde

6.781min (-0.006) 24.51 ng/ul m

response 129583

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.00	101.51
106.00	93.80	94.24
0.00	0.00	0.00

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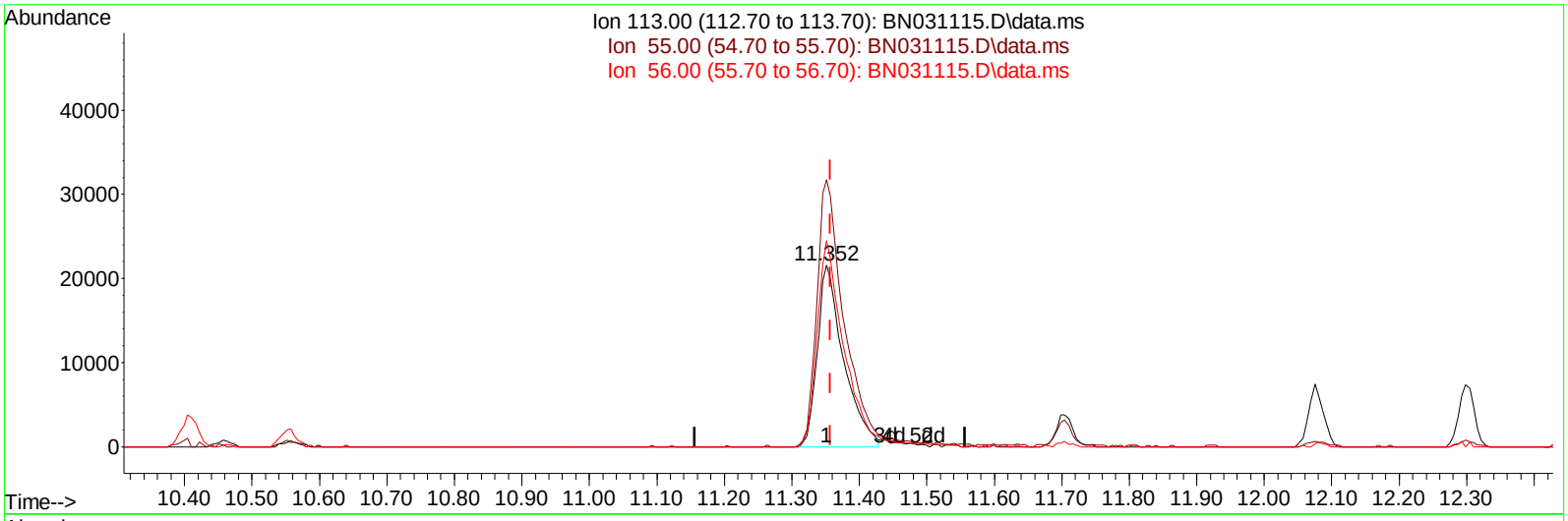

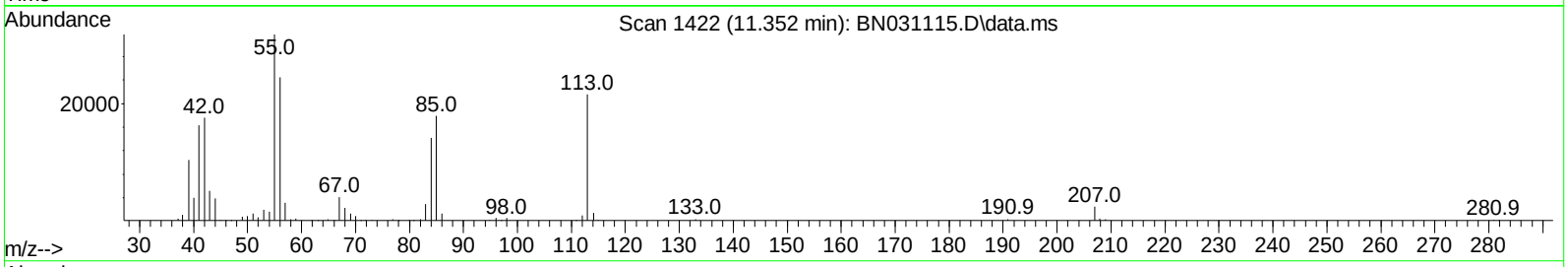

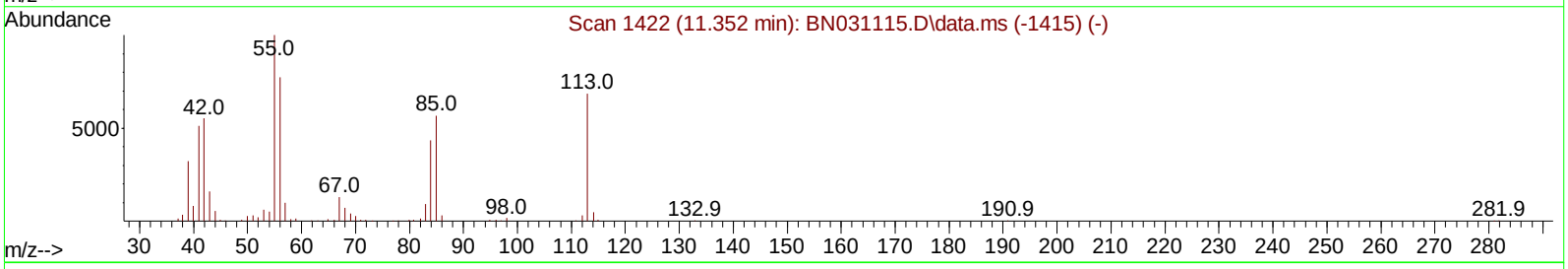

TIC: BN031115.D\data.ms

(34) Caprolactam

11.352min (-0.006) 16.87 ng/ul

response 58179

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.50	146.83
56.00	110.00	113.40
0.00	0.00	0.00

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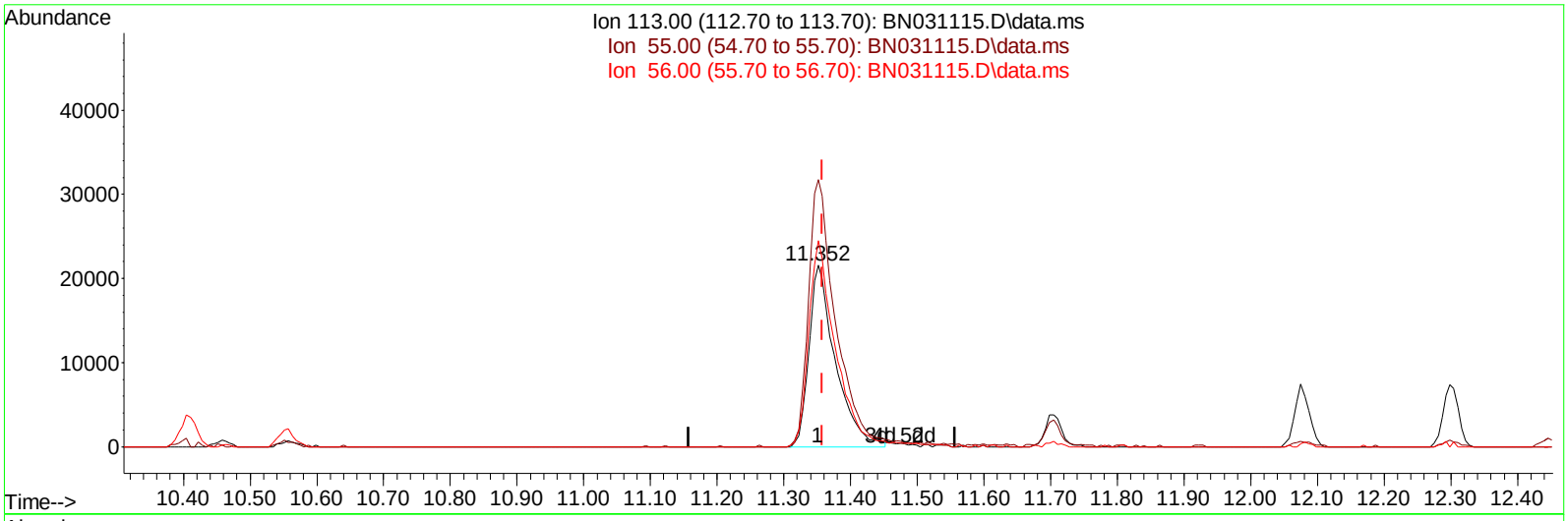

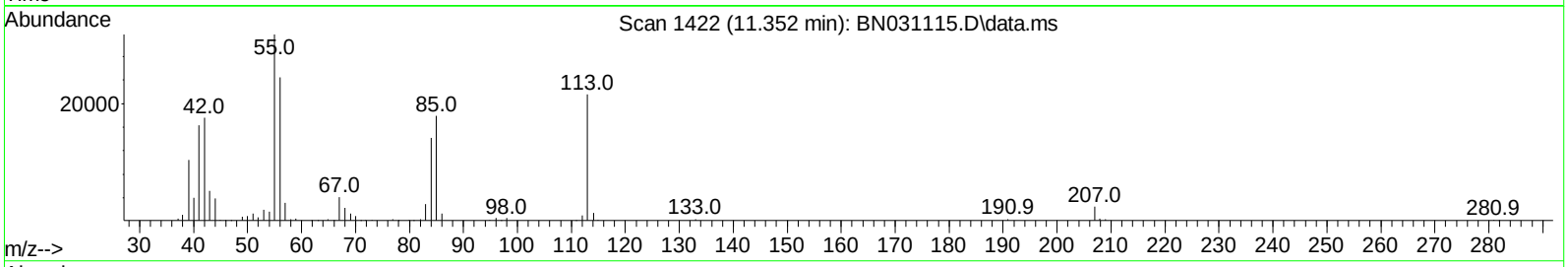

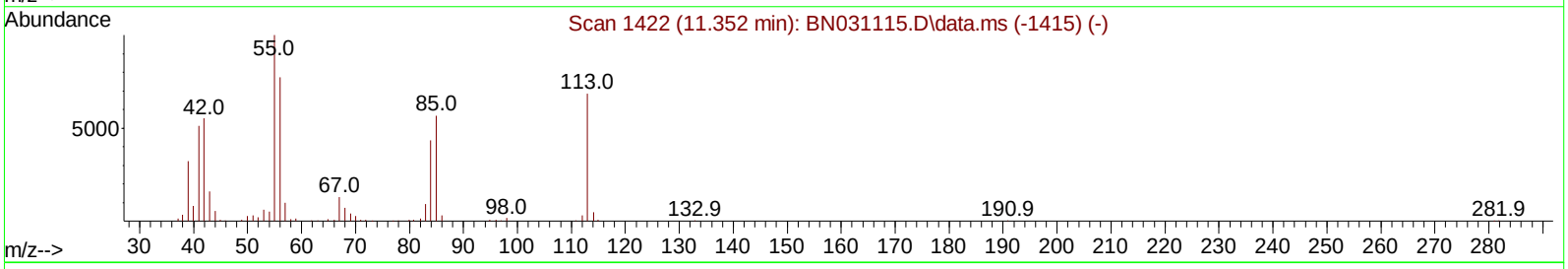

TIC: BN031115.D\data.ms

(34) Caprolactam

11.352min (-0.006) 17.15 ng/ul m

response 59128

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.50	146.83
56.00	110.00	113.40
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	127655	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.410	136	594915	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	404334	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	886136	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	1002092	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1218351	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	21729	7.953	ng/uL	0.00
4) Pyridine-d5	3.552	84	166463	21.155	ng/ul	0.00
7) Phenol-d5	6.805	99	222314	20.645	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	135974	21.703	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.163	132	175772	20.964	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	182417	20.143	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	91120	21.318	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	90935	20.466	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	185377	21.157	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	285306	20.837	ng/ul	-0.01
46) Dimethylphthalate-d6	13.693	166	578121	20.547	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	686830	21.541	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	113423	19.314	ng/ul	0.00
60) Fluorene-d10	15.275	176	522498	21.332	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	82032	18.349	ng/ul	0.00
73) Anthracene-d10	17.128	188	847003	22.053	ng/ul	0.00
81) Pyrene-d10	19.428	212	1071431	21.758	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1276124	22.088	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	24608	8.498	ng/uL	97
5) Pyridine	3.570	79	174367	21.959	ng/ul	98
6) Benzaldehyde	6.781	77	129583m	24.507	ng/ul	
8) Phenol	6.828	94	235026	21.169	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.064	93	190851	21.787	ng/ul	97
12) 2-Chlorophenol	7.193	128	188904	21.675	ng/ul	99
13) 2-Methylphenol	8.069	108	179776	20.895	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.152	45	252779	22.133	ng/ul	99
16) Acetophenone	8.452	105	305298	21.758	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.434	70	143893	20.574	ng/ul	99
18) 4-Methylphenol	8.399	108	200623	20.817	ng/ul	96
19) Hexachloroethane	8.693	117	77579	21.452	ng/ul	95
22) Nitrobenzene	8.828	77	223368	22.141	ng/ul	98
23) Isophorone	9.346	82	412244	20.024	ng/ul	99
25) 2-Nitrophenol	9.534	139	106071	21.577	ng/ul	98
26) 2,4-Dimethylphenol	9.593	107	210385	20.985	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.834	93	267848	21.419	ng/ul	98
29) 2,4-Dichlorophenol	10.057	162	189104	21.608	ng/ul	98
30) Naphthalene	10.457	128	671483	21.779	ng/ul	99
32) 4-Chloroaniline	10.575	127	280826	21.108	ng/ul	97
33) Hexachlorobutadiene	10.740	225	111905	20.975	ng/ul	96
34) Caprolactam	11.352	113	59128m	17.148	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	207758	20.475	ng/ul	97

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SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.075	142	467248	21.490	ng/ul	100
37) 1-Methylnaphthalene	12.299	142	472735	21.487	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.446	216	231857	21.914	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	107641	18.521	ng/ul	100
41) 2,4,6-Trichlorophenol	12.698	196	149408	21.216	ng/ul	91
42) 2,4,5-Trichlorophenol	12.769	196	165126	21.148	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	617191	22.195	ng/ul	100
44) 2-Chloronaphthalene	13.146	162	488402	21.979	ng/ul	99
45) 2-Nitroaniline	13.357	65	127315	20.754	ng/ul	96
47) Dimethylphthalate	13.740	163	588425	20.272	ng/ul	98
48) 2,6-Dinitrotoluene	13.863	165	112875	20.716	ng/ul	100
50) Acenaphthylene	13.998	152	806466	21.653	ng/ul	99
51) 3-Nitroaniline	14.193	138	129941	20.773	ng/ul	94
52) Acenaphthene	14.340	153	530587	21.490	ng/ul	96
53) 2,4-Dinitrophenol	14.398	184	44147	14.327	ng/ul	95
55) 4-Nitrophenol	14.504	109	92280	19.362	ng/ul	99
56) Dibenzofuran	14.681	168	744113	21.798	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	171915	20.765	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.904	232	139356	20.652	ng/ul	98
59) Diethylphthalate	15.110	149	607472	20.350	ng/ul	99
61) Fluorene	15.328	166	599852	21.353	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.328	204	291016	21.749	ng/ul	99
63) 4-Nitroaniline	15.357	138	148213	21.976	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.410	198	91438	19.048	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	513665	21.627	ng/ul	98
68) 4-Bromophenyl-phenylether	16.222	248	179581	21.429	ng/ul	98
69) Hexachlorobenzene	16.328	284	202953	21.007	ng/ul	95
70) Atrazine	16.504	200	171366	20.551	ng/ul	94
71) Pentachlorophenol	16.675	266	124714	19.869	ng/ul	96
72) Phenanthrene	17.069	178	1022297	21.812	ng/ul	98
74) Anthracene	17.157	178	1048697	22.110	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	238662	22.962	ng/uL	100
76) Pentachlorobenzene	14.592	250	234678	21.865	ng/uL	96
77) Carbazole	17.439	167	967620	22.333	ng/ul	98
78) Di-n-butylphthalate	18.004	149	1116684	21.145	ng/ul	100
80) Fluoranthene	19.092	202	1243516	21.337	ng/ul	100
82) Pyrene	19.457	202	1312989	21.442	ng/ul	99
83) Butylbenzylphthalate	20.375	149	546753	20.236	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.180	252	439080	21.028	ng/ul	95
85) Benzo(a)anthracene	21.251	228	1449820	21.306	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	846617	20.869	ng/ul	98
87) Chrysene	21.310	228	1407550	21.791	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	1489800	21.214	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1550181	22.613	ng/ul	100
91) Benzo(k)fluoranthene	23.304	252	1529944	22.190	ng/ul	98
93) Benzo(a)pyrene	24.033	252	1492519	21.825	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.409	276	1710753	20.159	ng/ul	96
95) Dibenzo(a,h)anthracene	27.468	278	1454633	20.884	ng/ul	96
96) Benzo(g,h,i)perylene	28.433	276	1379267	20.183	ng/ul	97

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

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