Quantitation Report (Qedit)

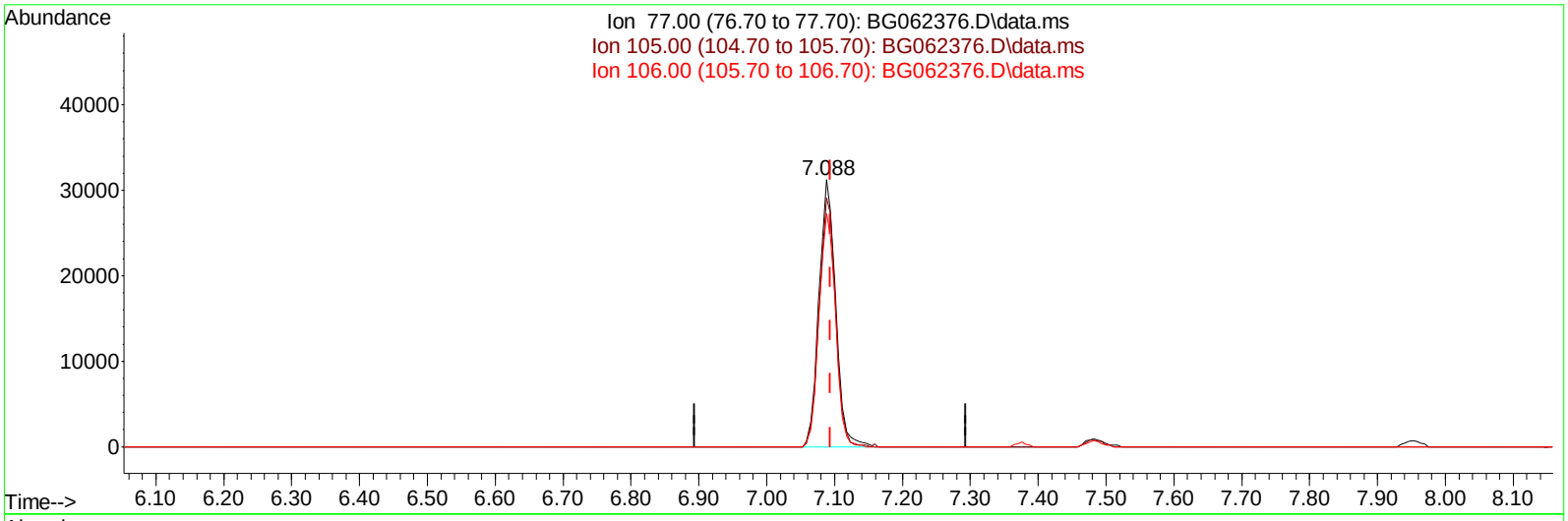
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081224\
Data File : BG062376.D
Acq On : 12 Aug 2024 21:25
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

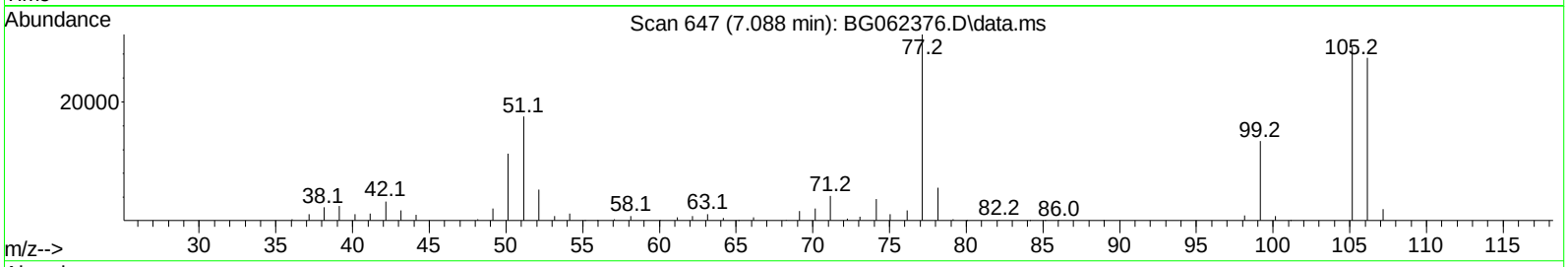
Quant Time: Aug 12 22:59:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:00:03 2024
Response via : Initial Calibration

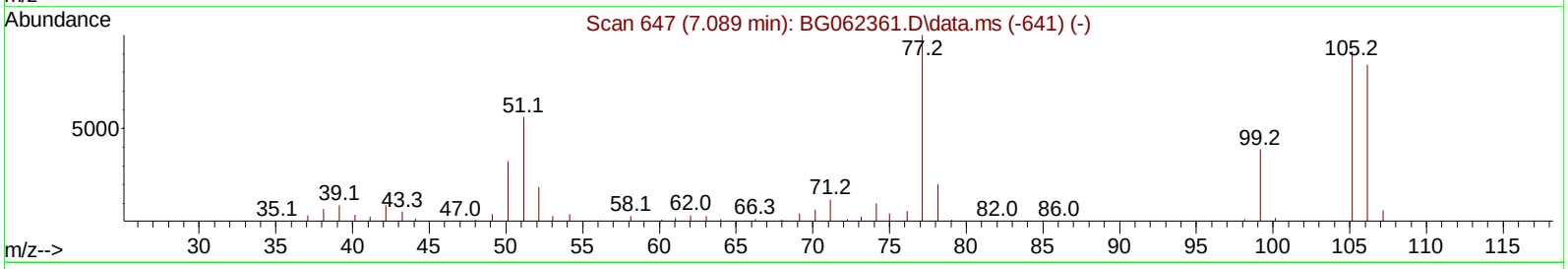
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024







TIC: BG062376.D\data.ms

(6) Benzaldehyde

7.088min (-0.006) 25.03 ng/ul

response 53346

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	93.36
106.00	91.40	87.44
0.00	0.00	0.00

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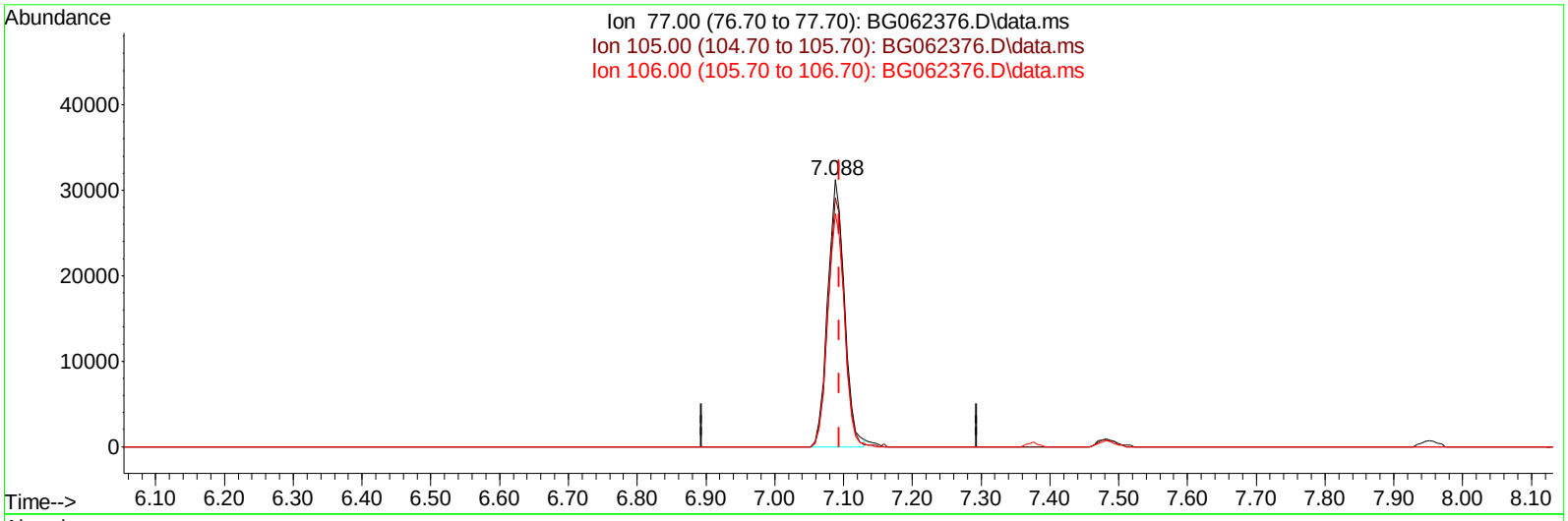

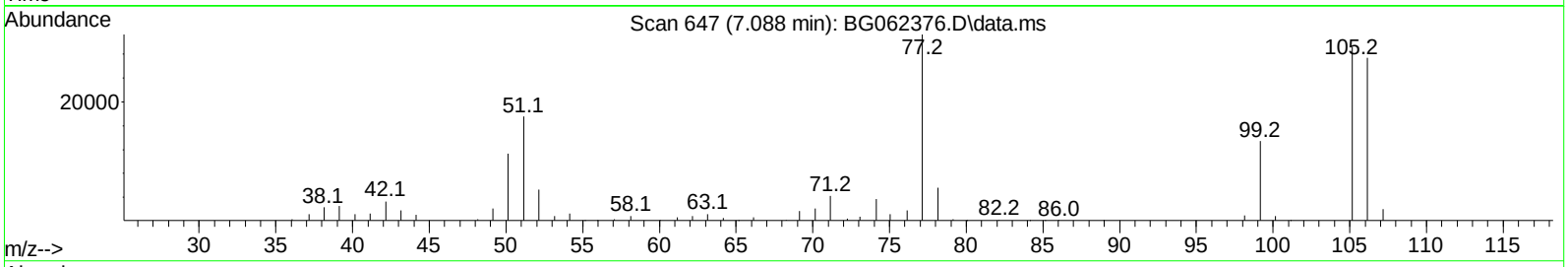

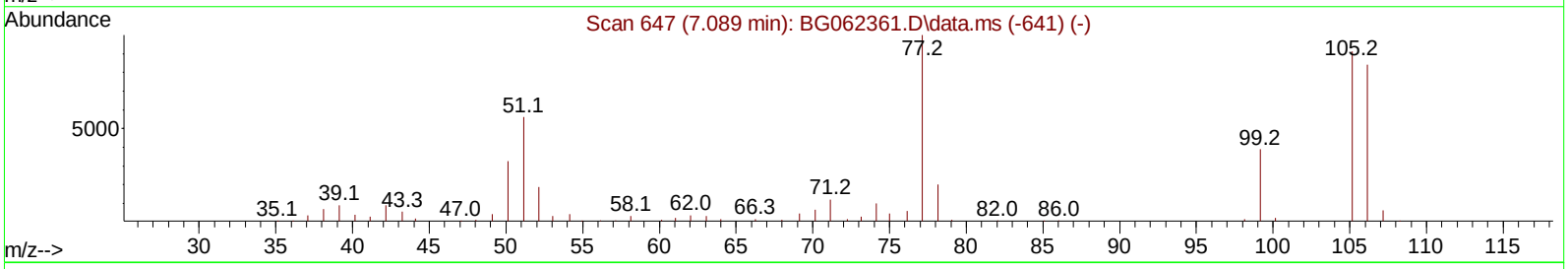

TIC: BG062376.D\data.ms

(6) Benzaldehyde

7.088min (-0.006) 24.74 ng/ul m

response 52745

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	93.36
106.00	91.40	87.44
0.00	0.00	0.00

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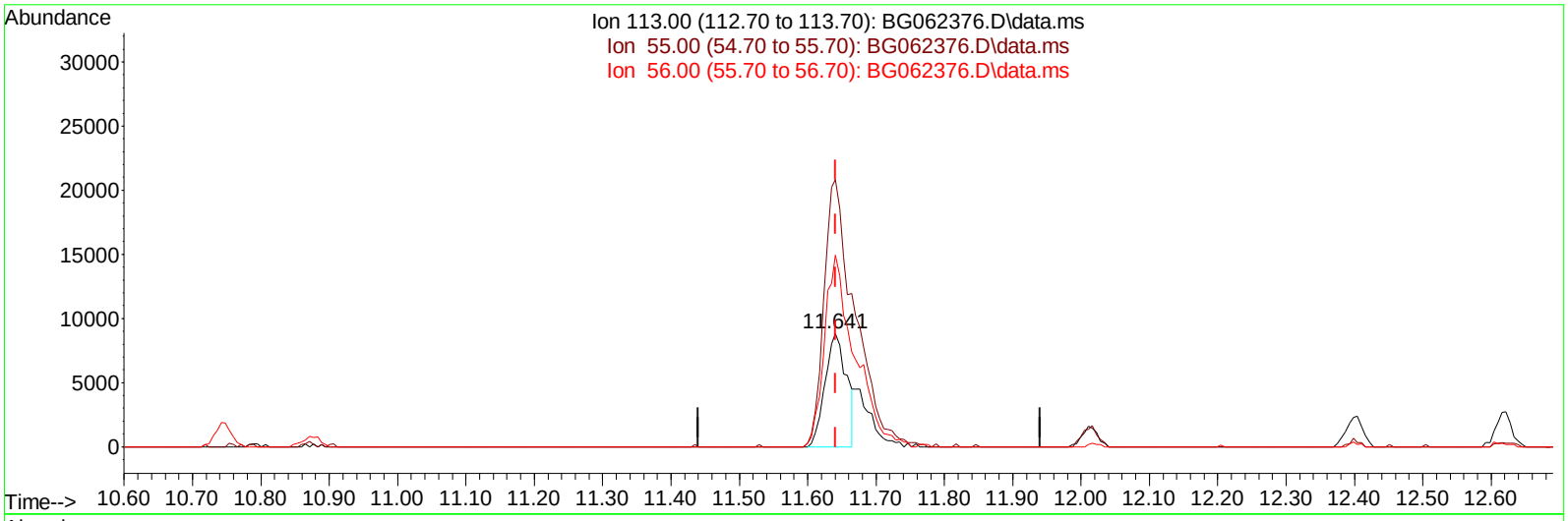

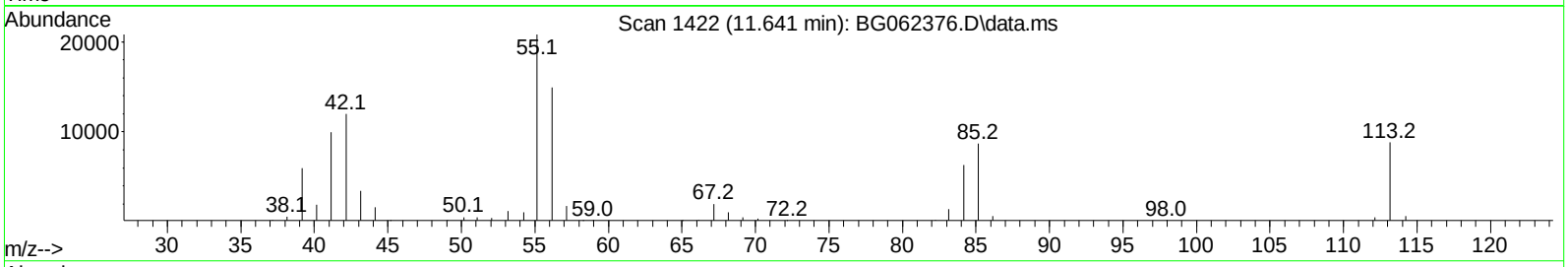

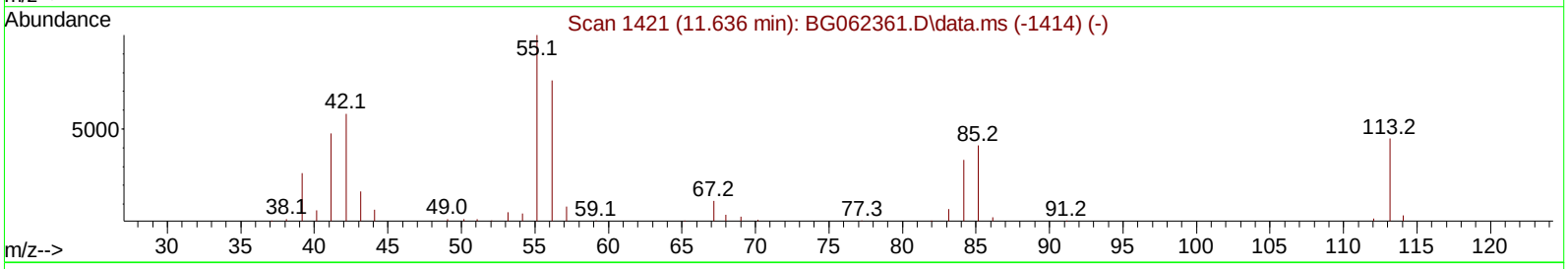

TIC: BG062376.D\data.ms

(34) Caprolactam

11.641min (+ 0.000) 15.88 ng/ul

response 19310

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	235.86
56.00	156.80	169.33
0.00	0.00	0.00

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BNA_G
LabSampleId :
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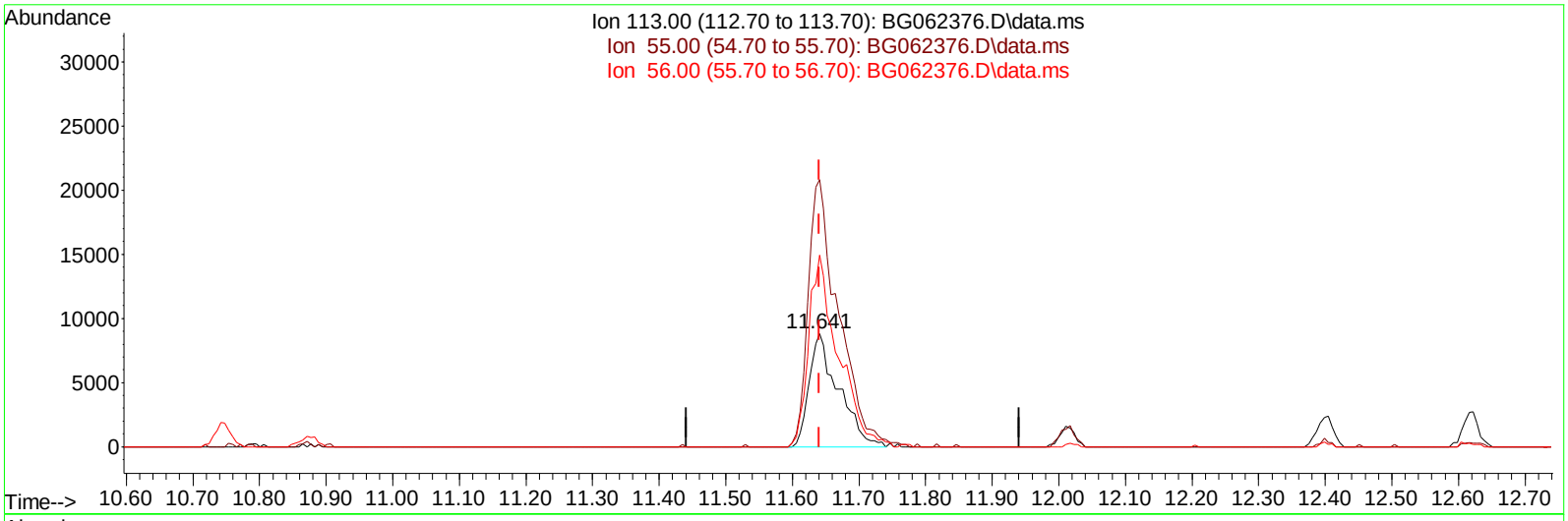

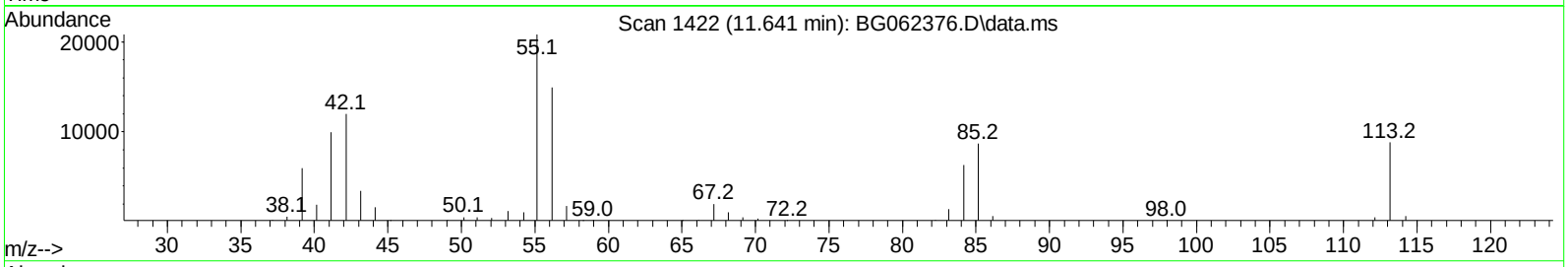

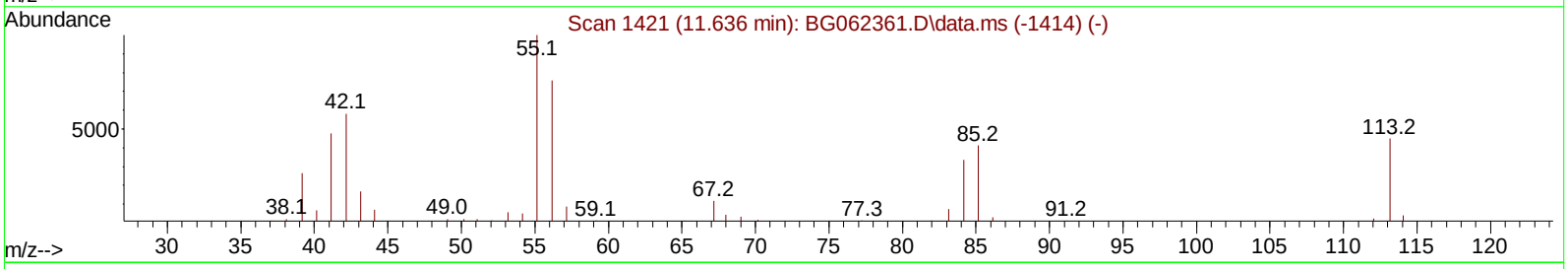

TIC: BG062376.D\data.ms

(34) Caprolactam

11.641min (+ 0.000) 22.27 ng/ul m

response 27074

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	235.86
56.00	156.80	169.33
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	42258	20.000	ng/ul	0.00
20) Naphthalene-d8	10.748	136	203554	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.572	164	169866	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	404289	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	386229	20.000	ng/ul	0.00
88) Perylene-d12	24.635	264	443145	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	8477	8.650	ng/uL	-0.01
4) Pyridine-d5	3.816	84	64023	20.765	ng/ul	-0.01
7) Phenol-d5	7.106	99	80814	20.036	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.282	67	50433	20.313	ng/ul	0.00
11) 2-Chlorophenol-d4	7.482	132	58169	20.129	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	68605	20.421	ng/ul	0.00
21) Nitrobenzene-d5	9.103	128	29577	23.565	ng/ul	0.00
24) 2-Nitrophenol-d4	9.826	143	31286	26.497	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.360	165	68805	20.064	ng/ul	0.00
31) 4-Chloroaniline-d4	10.871	131	103150	20.738	ng/ul	0.00
46) Dimethylphthalate-d6	13.979	166	251440	19.185	ng/ul	0.00
49) Acenaphthylene-d8	14.261	160	284118	19.120	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	41354	22.539	ng/ul	0.00
60) Fluorene-d10	15.565	176	235268	19.999	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.671	200	34484	28.801	ng/ul	0.00
73) Anthracene-d10	17.409	188	380057	19.490	ng/ul	0.00
81) Pyrene-d10	19.695	212	453981	19.776	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.423	264	458083	19.337	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	9980	9.020	ng/uL#	87
5) Pyridine	3.840	79	65804	20.534	ng/ul	97
6) Benzaldehyde	7.088	77	52745m	24.744	ng/ul	
8) Phenol	7.135	94	84938	19.957	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.370	93	63353	20.086	ng/ul	96
12) 2-Chlorophenol	7.517	128	60330	19.650	ng/ul	94
13) 2-Methylphenol	8.386	108	62695	19.537	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.469	45	128903	20.003	ng/ul	99
16) Acetophenone	8.768	105	110724	20.695	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.751	70	60355	21.227	ng/ul	96
18) 4-Methylphenol	8.709	108	75310	20.956	ng/ul	98
19) Hexachloroethane	9.032	117	24324	21.318	ng/ul	96
22) Nitrobenzene	9.144	77	79158	22.177	ng/ul	98
23) Isophorone	9.667	82	166927	19.440	ng/ul	99
25) 2-Nitrophenol	9.855	139	35041	24.467	ng/ul	97
26) 2,4-Dimethylphenol	9.914	107	81323	19.838	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.155	93	95644	19.751	ng/ul	100
29) 2,4-Dichlorophenol	10.389	162	70387	20.251	ng/ul	97
30) Naphthalene	10.795	128	234442	20.262	ng/ul	100
32) 4-Chloroaniline	10.895	127	100272	20.626	ng/ul	97
33) Hexachlorobutadiene	11.089	225	51816	19.697	ng/ul	96
34) Caprolactam	11.641	113	27074m	22.269	ng/ul	
35) 4-Chloro-3-methylphenol	12.017	107	86433	22.161	ng/ul	98

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Instrument :
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SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.399	142	169214	21.228 ng/ul	99
37) 1-Methylnaphthalene	12.622	142	171384	20.752 ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.769	216	107028	19.299 ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	51980	24.118 ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	67216	20.897 ng/ul	97
42) 2,4,5-Trichlorophenol	13.068	196	73617	21.242 ng/ul	98
43) 1,1'-Biphenyl	13.409	154	248821	19.334 ng/ul	100
44) 2-Chloronaphthalene	13.450	162	192186	19.218 ng/ul	99
45) 2-Nitroaniline	13.644	65	60170	23.624 ng/ul	90
47) Dimethylphthalate	14.026	163	255144	19.406 ng/ul	99
48) 2,6-Dinitrotoluene	14.137	165	44424	24.747 ng/ul	95
50) Acenaphthylene	14.290	152	303796	19.187 ng/ul	98
51) 3-Nitroaniline	14.460	138	46833	22.917 ng/ul#	95
52) Acenaphthene	14.637	153	227335	19.285 ng/ul	97
53) 2,4-Dinitrophenol	14.666	184	21261	29.786 ng/ul#	84
55) 4-Nitrophenol	14.766	109	35648	21.720 ng/ul	95
56) Dibenzofuran	14.972	168	324483	19.926 ng/ul	98
57) 2,4-Dinitrotoluene	14.925	165	66808	27.130 ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.189	232	70024	22.439 ng/ul	99
59) Diethylphthalate	15.394	149	257807	19.419 ng/ul	99
61) Fluorene	15.618	166	255904	20.097 ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.612	204	130876	19.935 ng/ul	97
63) 4-Nitroaniline	15.624	138	48178	24.462 ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.688	198	38732	28.075 ng/ul#	98
67) N-Nitrosodiphenylamine	15.823	169	225470	18.611 ng/ul	97
68) 4-Bromophenyl-phenylether	16.505	248	89722	19.478 ng/ul	98
69) Hexachlorobenzene	16.622	284	104893	19.575 ng/ul	96
70) Atrazine	16.769	200	91356	19.683 ng/ul	98
71) Pentachlorophenol	16.957	266	58683	20.798 ng/ul	99
72) Phenanthrene	17.357	178	441219	19.390 ng/ul	100
74) Anthracene	17.445	178	455401	19.500 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.374	216	111747	18.455 ng/ul	98
76) Pentachlorobenzene	14.889	250	117162	18.496 ng/ul	95
77) Carbazole	17.709	167	380292	19.855 ng/ul	99
78) Di-n-butylphthalate	18.279	149	450076	19.749 ng/ul	100
80) Fluoranthene	19.360	202	523635	20.173 ng/ul	98
82) Pyrene	19.718	202	553796	20.034 ng/ul	99
83) Butylbenzylphthalate	20.617	149	190634	19.982 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	180774	20.793 ng/ul	97
85) Benzo(a)anthracene	21.533	228	547231	19.347 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	276094	18.751 ng/ul	98
87) Chrysene	21.598	228	519181	19.443 ng/ul	99
89) Di-n-octyl phthalate	22.638	149	474568	18.800 ng/ul	100
90) Benzo(b)fluoranthene	23.660	252	513829	19.062 ng/ul	99
91) Benzo(k)fluoranthene	23.724	252	538687	19.643 ng/ul	100
93) Benzo(a)pyrene	24.494	252	493935	19.365 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.118	276	634634	19.200 ng/ul	99
95) Dibenzo(a,h)anthracene	28.189	278	516527	19.133 ng/ul	97
96) Benzo(g,h,i)perylene	29.205	276	486267	19.373 ng/ul	96

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

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