Quantitation Report (Qedit)

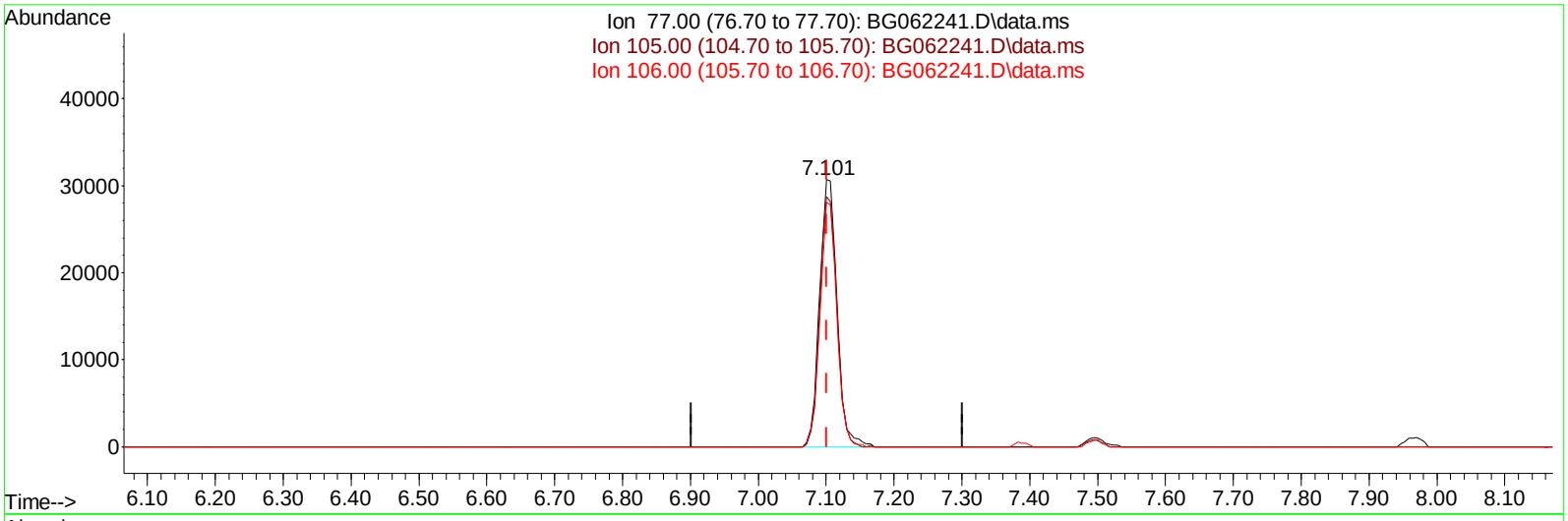
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
Data File : BG062241.D
Acq On : 5 Aug 2024 17:15
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

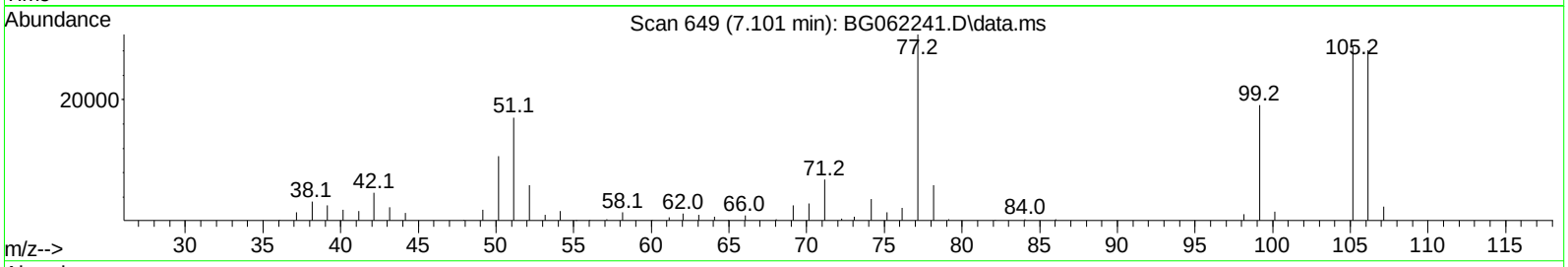
Quant Time: Aug 06 02:41:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 02:21:27 2024
Response via : Initial Calibration

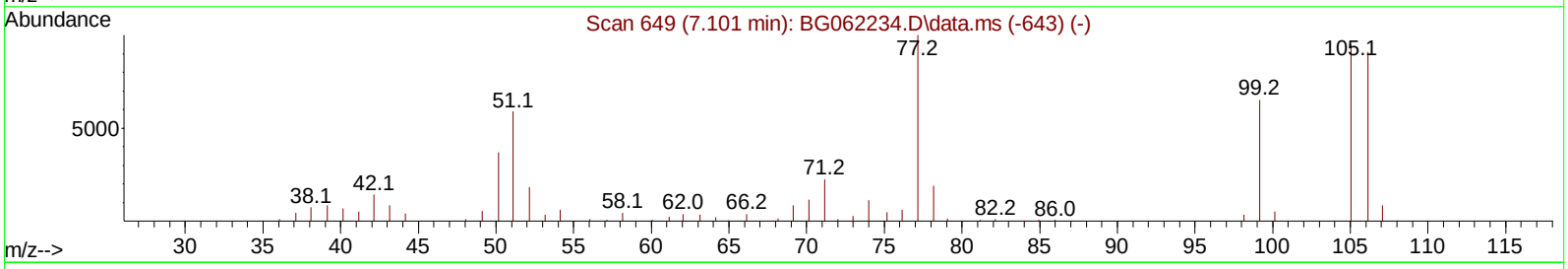
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/08/2024







TIC: BG062241.D\data.ms

(6) Benzaldehyde

7.101min (-0.001) 22.71 ng/ul

response 54731

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	93.66
106.00	91.40	91.55
0.00	0.00	0.00

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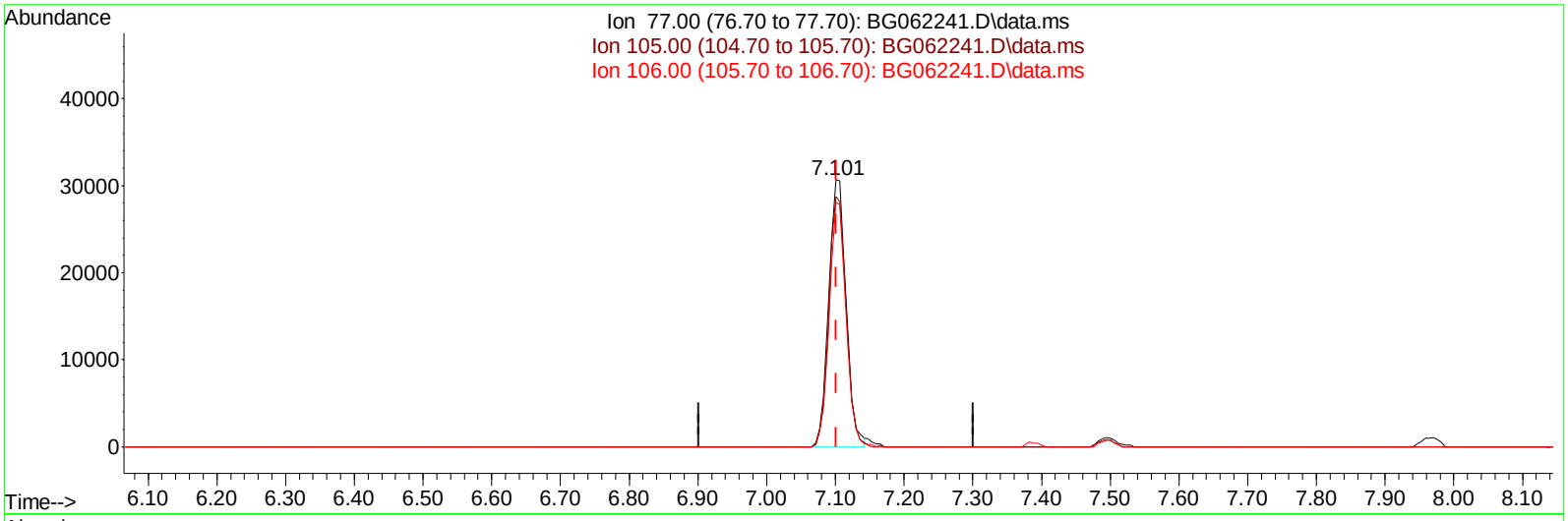

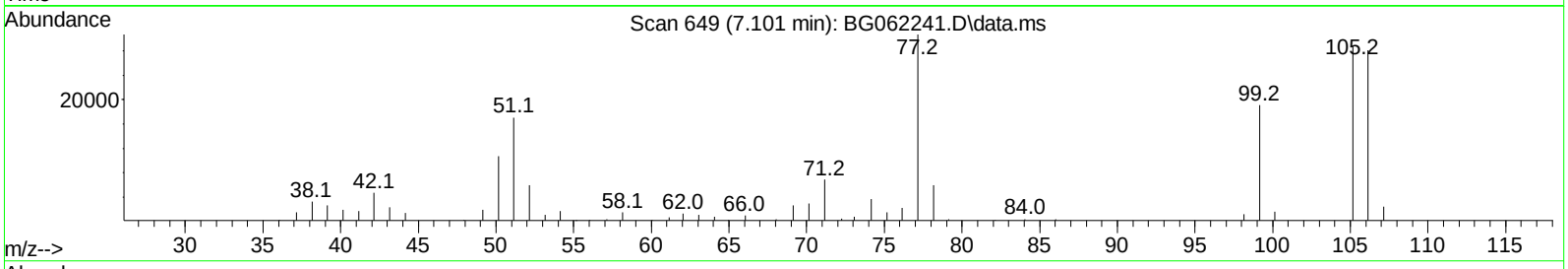

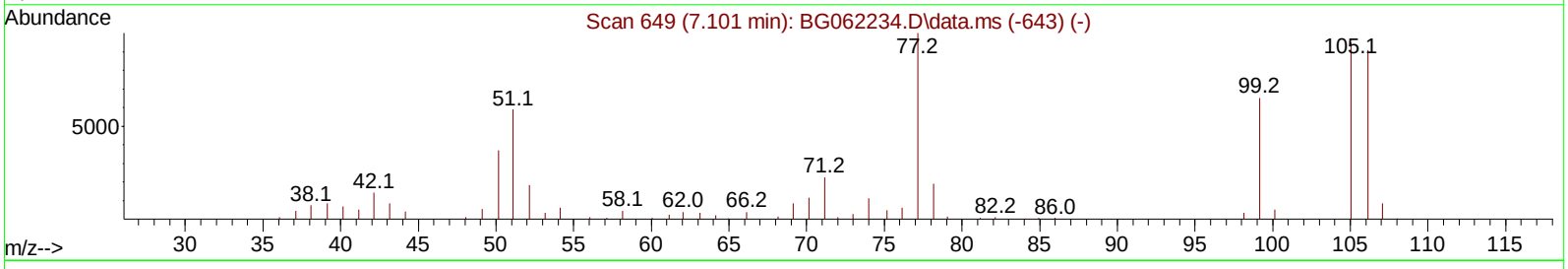

TIC: BG062241.D\data.ms

(6) Benzaldehyde

7.101min (-0.001) 22.41 ng/ul m

response 54008

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	93.66
106.00	91.40	91.55
0.00	0.00	0.00

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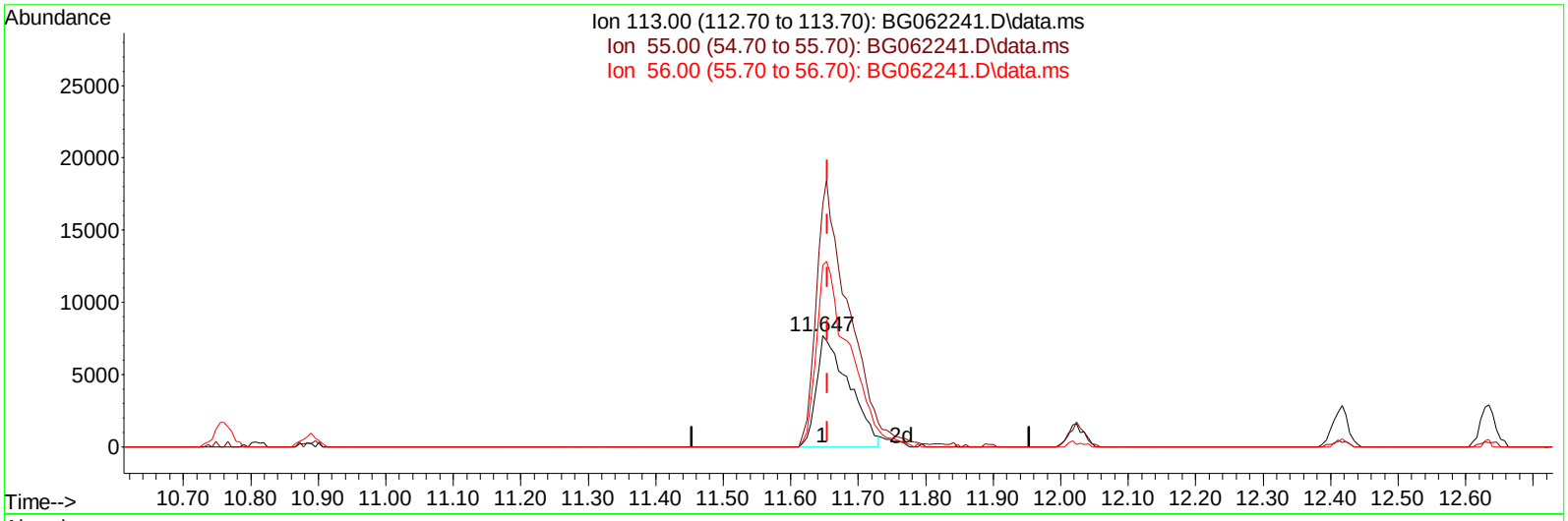

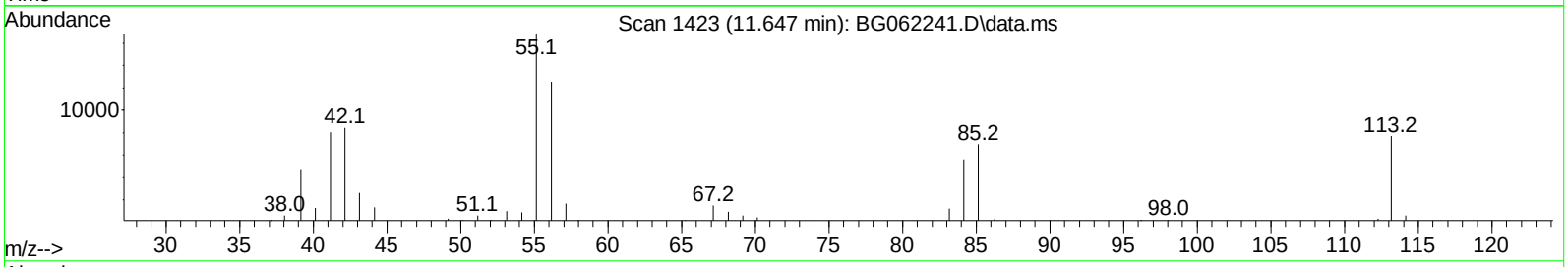

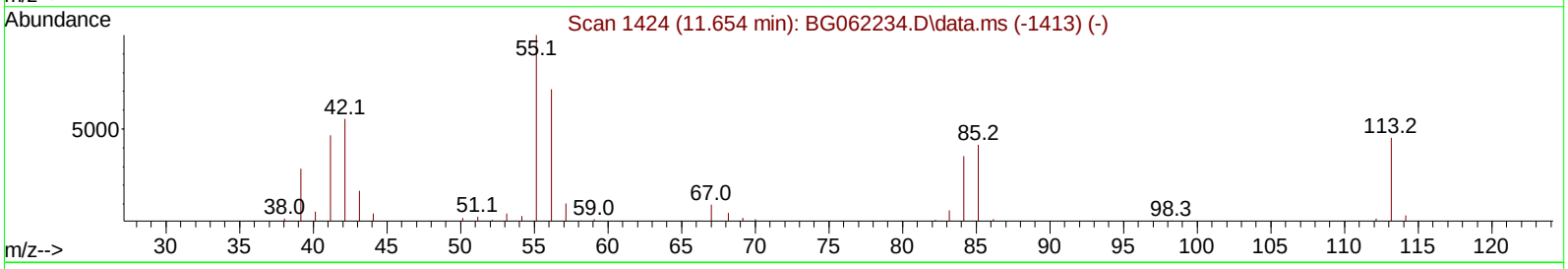

TIC: BG062241.D\data.ms

(34) Caprolactam

11.647min (-0.007) 19.80 ng/ul

response 25831

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	218.02
56.00	156.80	163.33
0.00	0.00	0.00

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LabSampleId :
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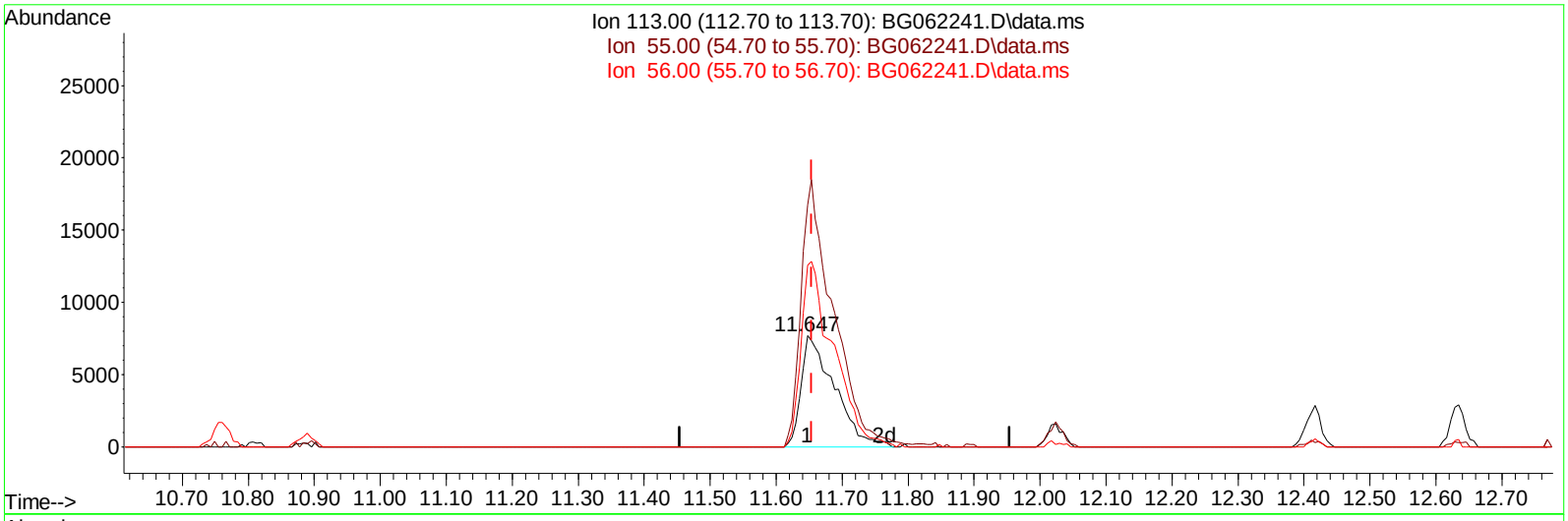

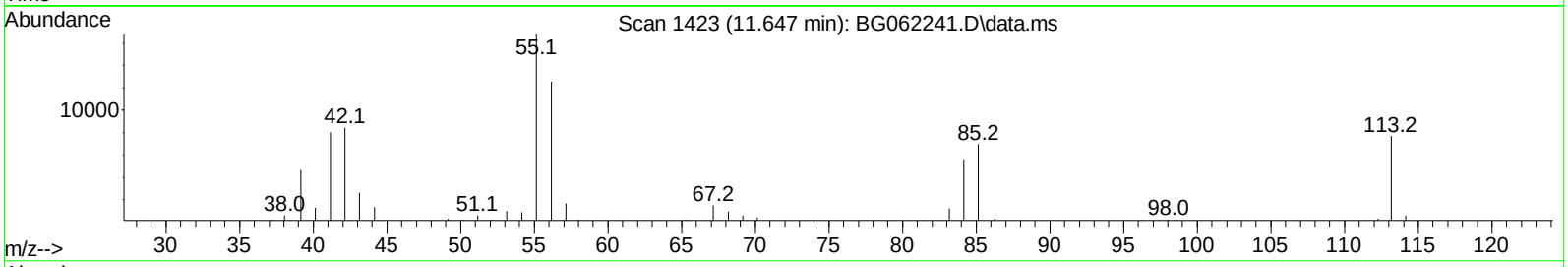

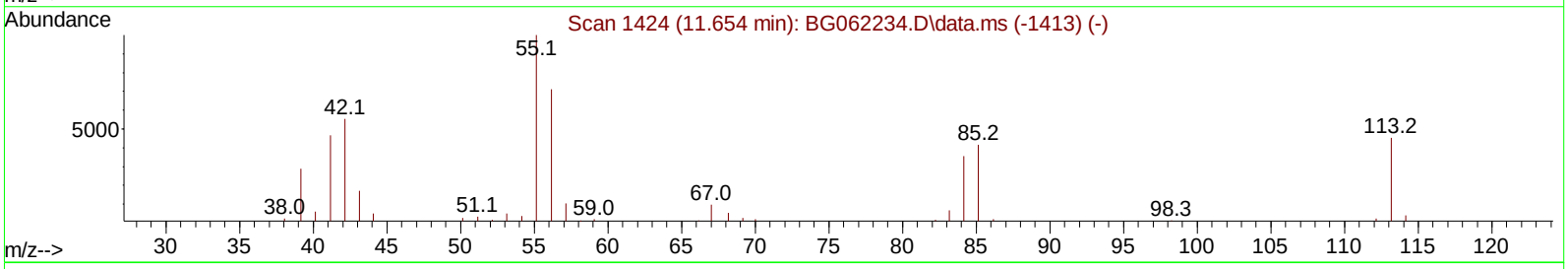

TIC: BG062241.D\data.ms

(34) Caprolactam

11.647min (-0.007) 20.55 ng/ul m

response 26810

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	218.02
56.00	156.80	163.33
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	47776	20.000	ng/ul	0.00
20) Naphthalene-d8	10.760	136	218429	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.584	164	153188	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	364235	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	355195	20.000	ng/ul	0.00
88) Perylene-d12	24.665	264	409872	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	8737	7.885	ng/uL	0.00
4) Pyridine-d5	3.828	84	66343	19.033	ng/ul	0.00
7) Phenol-d5	7.118	99	90152	19.770	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.294	67	54977	19.585	ng/ul	0.00
11) 2-Chlorophenol-d4	7.494	132	64687	19.799	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	74803	19.694	ng/ul	0.00
21) Nitrobenzene-d5	9.115	128	30370	22.549	ng/ul	0.00
24) 2-Nitrophenol-d4	9.838	143	29248	23.084	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.373	165	74996	20.380	ng/ul	0.00
31) 4-Chloroaniline-d4	10.884	131	108343	20.299	ng/ul	0.00
46) Dimethylphthalate-d6	13.997	166	237930	20.131	ng/ul	0.00
49) Acenaphthylene-d8	14.279	160	273288	20.394	ng/ul	0.00
54) 4-Nitrophenol-d4	14.761	143	34015	20.557	ng/ul	0.00
60) Fluorene-d10	15.577	176	232067	21.875	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	20459	18.966	ng/ul	0.00
73) Anthracene-d10	17.422	188	355751	20.250	ng/ul	0.00
81) Pyrene-d10	19.707	212	423256	20.048	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.453	264	444061	20.267	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	10098	8.073	ng/uL	99
5) Pyridine	3.852	79	69940	19.304	ng/ul	96
6) Benzaldehyde	7.101	77	54008m	22.410	ng/ul	
8) Phenol	7.142	94	92957	19.319	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.388	93	70115	19.662	ng/ul	99
12) 2-Chlorophenol	7.529	128	69104	19.908	ng/ul	97
13) 2-Methylphenol	8.399	108	70441	19.415	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.487	45	145170	19.925	ng/ul	99
16) Acetophenone	8.781	105	122270	20.214	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.769	70	65673	20.429	ng/ul	95
18) 4-Methylphenol	8.722	108	80386	19.785	ng/ul	99
19) Hexachloroethane	9.051	117	26730	20.721	ng/ul	96
22) Nitrobenzene	9.157	77	85366	22.288	ng/ul	98
23) Isophorone	9.685	82	183114	19.873	ng/ul	99
25) 2-Nitrophenol	9.867	139	35053	22.808	ng/ul	97
26) 2,4-Dimethylphenol	9.926	107	87588	19.911	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.167	93	105569	20.316	ng/ul	99
29) 2,4-Dichlorophenol	10.402	162	76921	20.624	ng/ul	97
30) Naphthalene	10.813	128	250748	20.196	ng/ul	99
32) 4-Chloroaniline	10.913	127	105226	20.171	ng/ul	99
33) Hexachlorobutadiene	11.107	225	57396	20.333	ng/ul	98
34) Caprolactam	11.647	113	26810m	20.550	ng/ul	
35) 4-Chloro-3-methylphenol	12.023	107	87715	20.958	ng/ul	97

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.417	142	176403	20.623	ng/ul	100
37) 1-Methylnaphthalene	12.634	142	174008	19.635	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.781	216	107987	21.592	ng/ul	96
40) Hexachlorocyclopentadiene	12.769	237	40755	20.968	ng/ul	97
41) 2,4,6-Trichlorophenol	13.010	196	65008	22.411	ng/ul	97
42) 2,4,5-Trichlorophenol	13.081	196	72736	23.273	ng/ul	96
43) 1,1'-Biphenyl	13.421	154	242604	20.903	ng/ul	99
44) 2-Chloronaphthalene	13.462	162	187939	20.839	ng/ul	99
45) 2-Nitroaniline	13.650	65	54593	23.768	ng/ul	96
47) Dimethylphthalate	14.044	163	243042	20.498	ng/ul	100
48) 2,6-Dinitrotoluene	14.150	165	39034	24.112	ng/ul	97
50) Acenaphthylene	14.308	152	294541	20.628	ng/ul	99
51) 3-Nitroaniline	14.473	138	40293	21.863	ng/ul#	98
52) Acenaphthene	14.649	153	214259	20.155	ng/ul	99
53) 2,4-Dinitrophenol	14.673	184	10492	16.299	ng/ul#	64
55) 4-Nitrophenol	14.772	109	30611	20.682	ng/ul	94
56) Dibenzofuran	14.984	168	321205	21.872	ng/ul	99
57) 2,4-Dinitrotoluene	14.937	165	57383	25.840	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.201	232	64974	23.087	ng/ul	98
59) Diethylphthalate	15.413	149	260611	21.767	ng/ul	98
61) Fluorene	15.630	166	252898	22.023	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.630	204	129445	21.864	ng/ul	98
63) 4-Nitroaniline	15.636	138	42769	24.080	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.695	198	23381	18.812	ng/ul	95
67) N-Nitrosodiphenylamine	15.836	169	221864	20.327	ng/ul	97
68) 4-Bromophenyl-phenylether	16.523	248	86286	20.792	ng/ul	97
69) Hexachlorobenzene	16.635	284	98587	20.421	ng/ul	96
70) Atrazine	16.787	200	85429	20.430	ng/ul	99
71) Pentachlorophenol	16.970	266	49273	19.383	ng/ul	99
72) Phenanthrene	17.369	178	416364	20.310	ng/ul	98
74) Anthracene	17.457	178	427927	20.338	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	107480	19.703	ng/ul	99
76) Pentachlorobenzene	14.902	250	110391	19.343	ng/ul	94
77) Carbazole	17.721	167	354363	20.536	ng/ul	100
78) Di-n-butylphthalate	18.303	149	429317	20.909	ng/ul	99
80) Fluoranthene	19.372	202	484781	20.308	ng/ul	98
82) Pyrene	19.736	202	511648	20.127	ng/ul	99
83) Butylbenzylphthalate	20.635	149	184104	20.984	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.469	252	178161	22.283	ng/ul	100
85) Benzo(a)anthracene	21.552	228	528621	20.322	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.499	149	280412	20.708	ng/ul	97
87) Chrysene	21.616	228	500321	20.374	ng/ul	99
89) Di-n-octyl phthalate	22.679	149	484921	20.769	ng/ul	100
90) Benzo(b)fluoranthene	23.690	252	503939	20.212	ng/ul	99
91) Benzo(k)fluoranthene	23.754	252	513894	20.260	ng/ul	99
93) Benzo(a)pyrene	24.524	252	481130	20.394	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.160	276	611523	20.003	ng/ul	99
95) Dibenzo(a,h)anthracene	28.237	278	499103	19.988	ng/ul	100
96) Benzo(g,h,i)perylene	29.247	276	463063	19.947	ng/ul	97

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

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