Quantitation Report (Qedit)

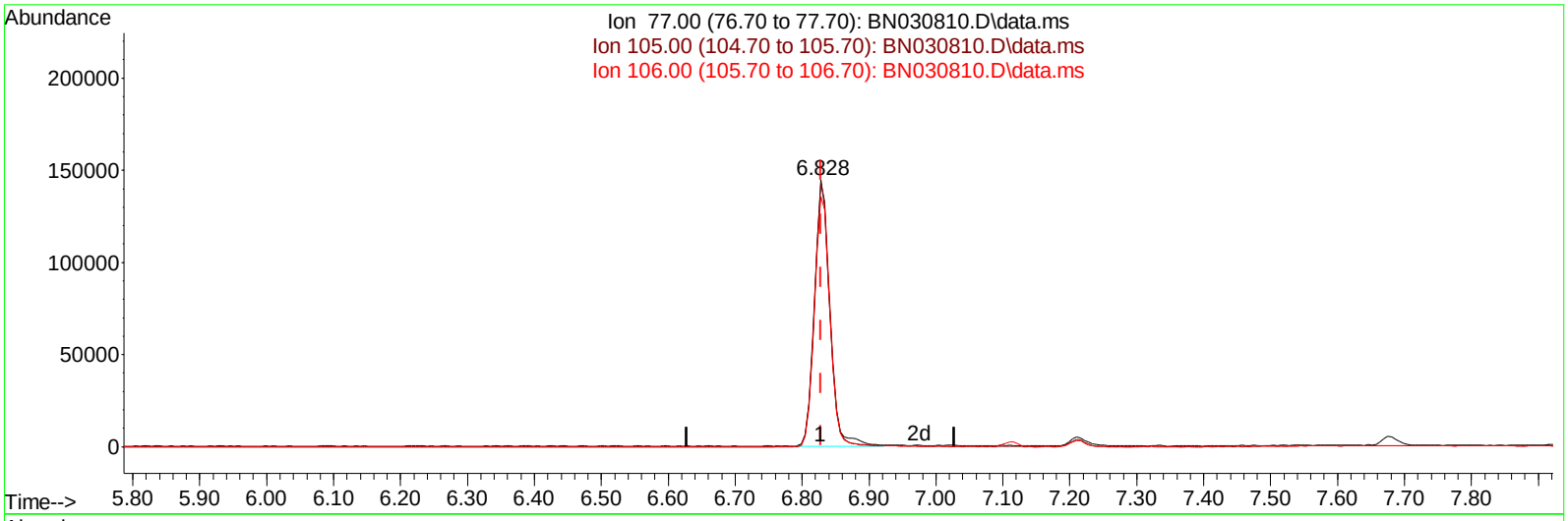
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
Data File : BN030810.D
Acq On : 10 Apr 2024 09:50
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

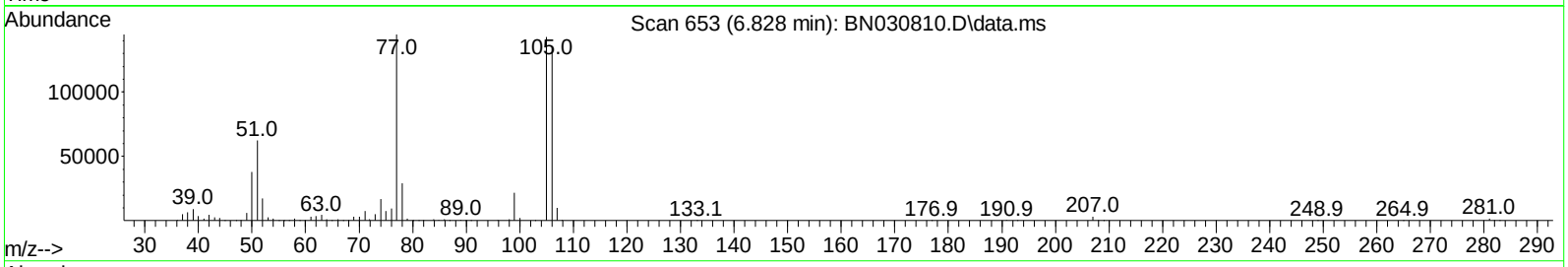
Quant Time: Apr 10 11:04:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 09 12:10:11 2024
Response via : Initial Calibration

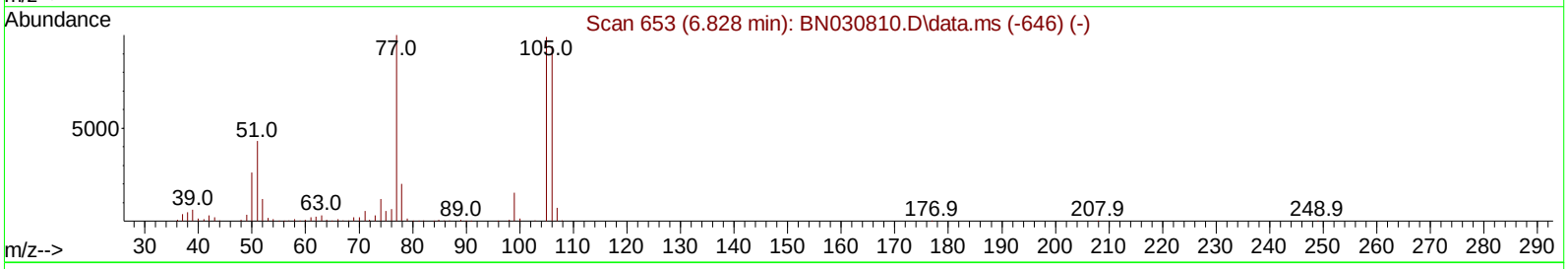
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024







TIC: BN030810.D\data.ms

(6) Benzaldehyde

6.828min (-0.000) 26.18 ng/ul

response 231827

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	98.81
106.00	94.50	93.73
0.00	0.00	0.00

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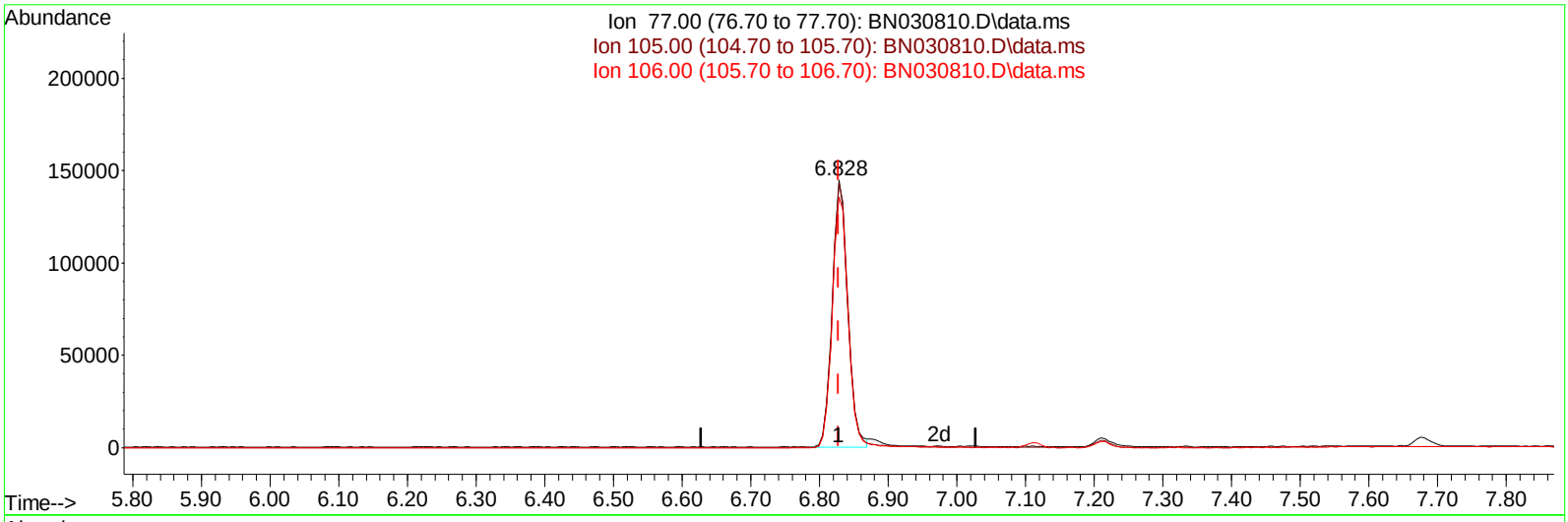

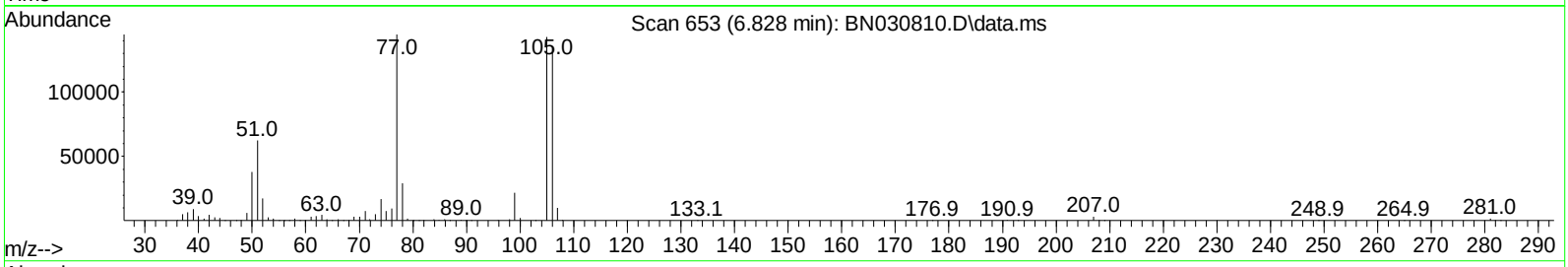

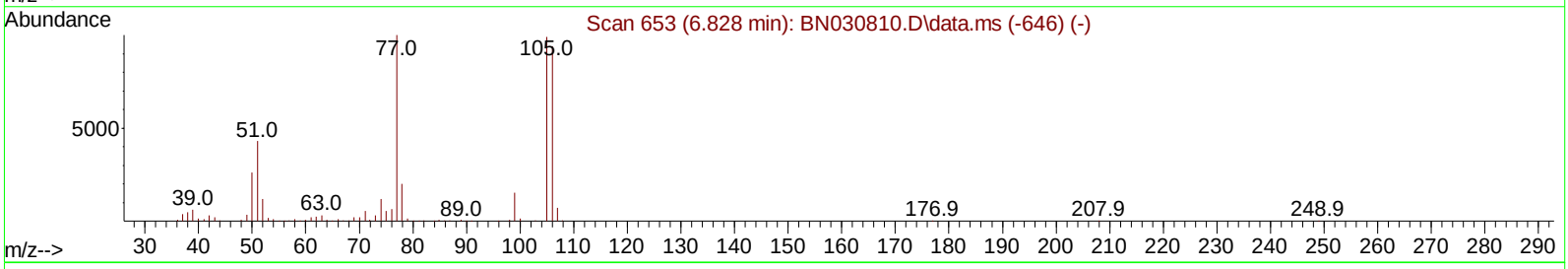

TIC: BN030810.D\data.ms

(6) Benzaldehyde

6.828min (-0.000) 25.60 ng/ul m

response 226660

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	98.81
106.00	94.50	93.73
0.00	0.00	0.00

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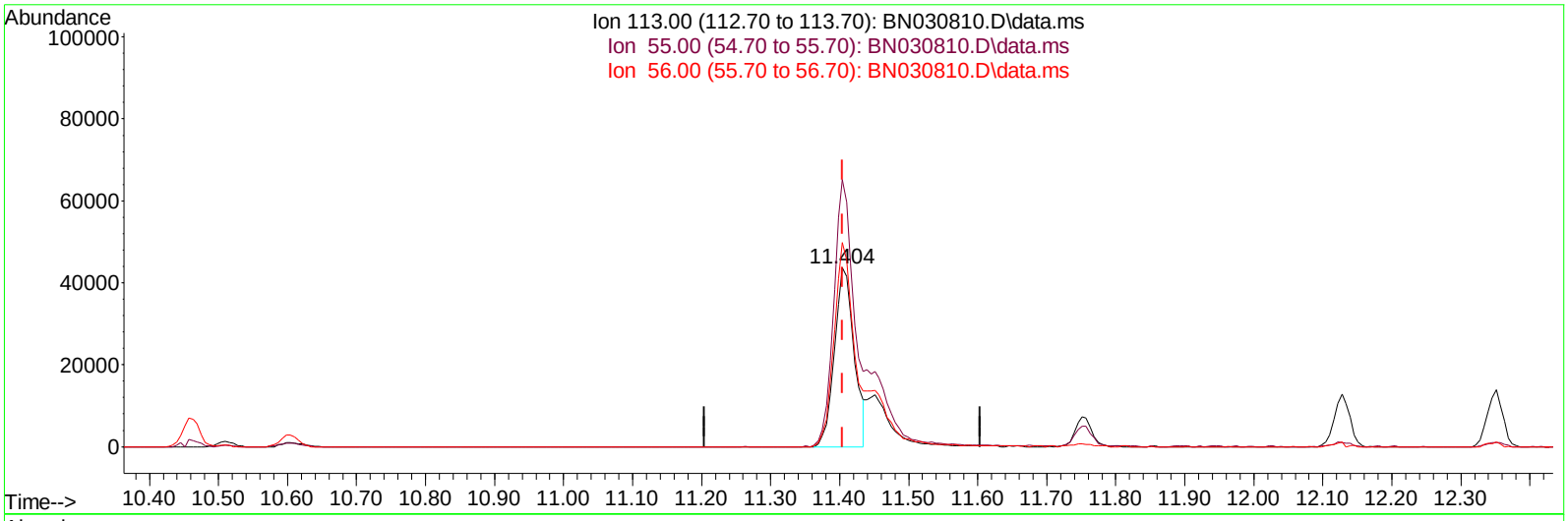

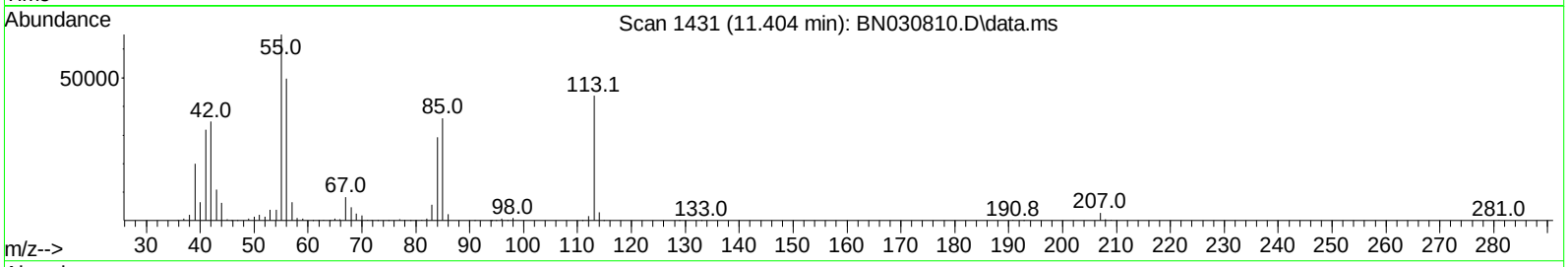

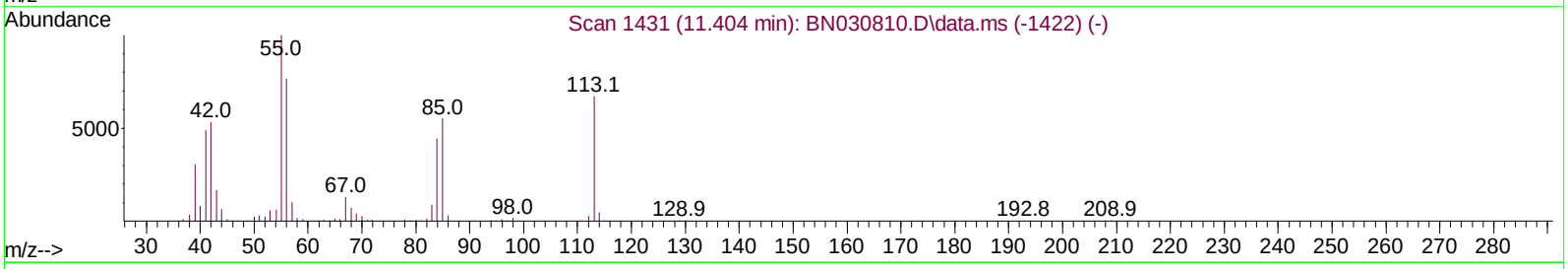

TIC: BN030810.D\data.ms

(34) Caprolactam

11.404min (-0.000) 15.02 ng/ul

response 86370

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	149.16
56.00	113.20	114.03
0.00	0.00	0.00

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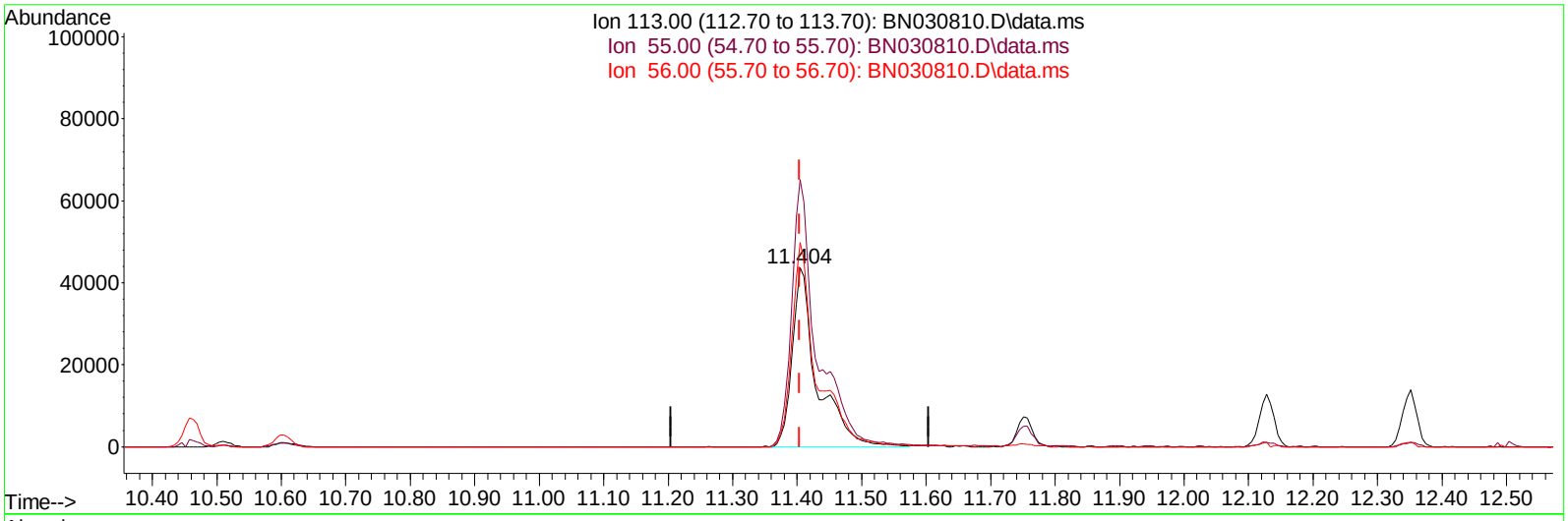

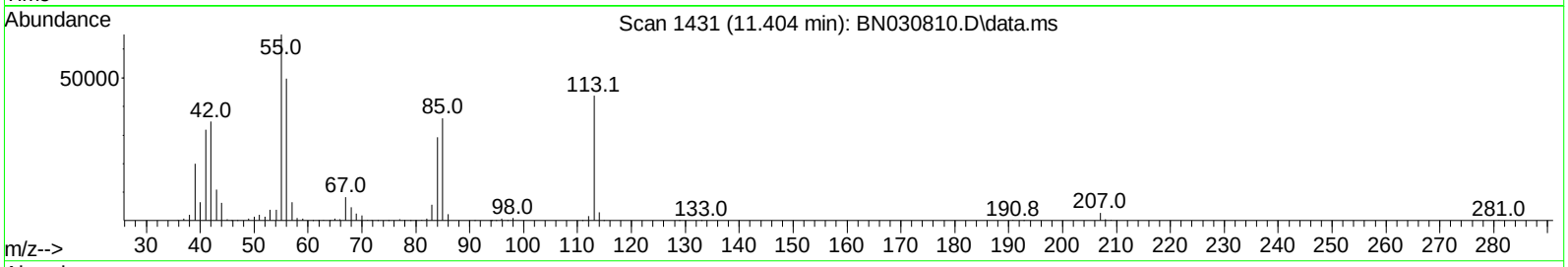

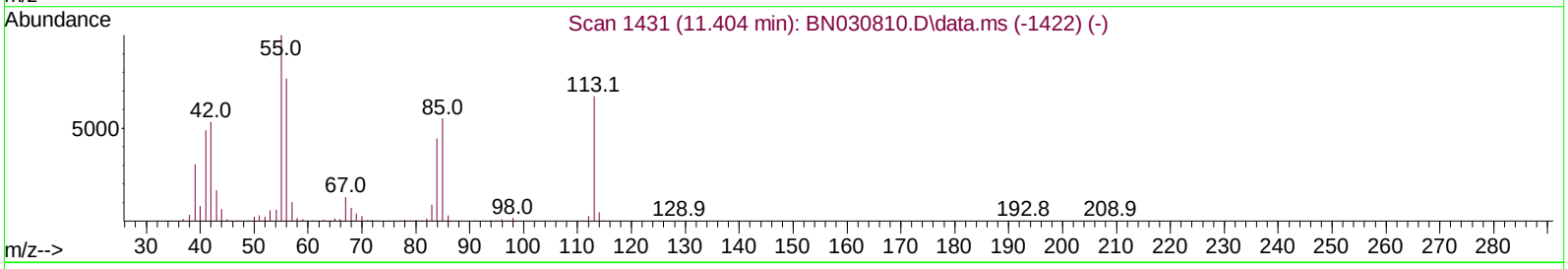

TIC: BN030810.D\data.ms

(34) Caprolactam

11.404min (-0.000) 20.37 ng/ul m

response 117177

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	149.16
56.00	113.20	114.03
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	235057	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	1085710	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	738885	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1597365	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1561440	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1696541	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	39592	7.897	ng/uL	0.00
4) Pyridine-d5	3.593	84	297693	19.804	ng/ul	0.00
7) Phenol-d5	6.851	99	403794	21.236	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	246713	21.007	ng/ul	0.00
11) 2-Chlorophenol-d4	7.210	132	323277	22.411	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	336822	21.135	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	169039	22.444	ng/ul	0.00
24) 2-Nitrophenol-d4	9.551	143	168206	24.413	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	349745	23.187	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	512919	20.655	ng/ul	0.00
46) Dimethylphthalate-d6	13.739	166	1096382	22.224	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	1286437	22.680	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	207230	21.961	ng/ul	0.00
60) Fluorene-d10	15.316	176	960761	22.256	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	152702	21.658	ng/ul	0.00
73) Anthracene-d10	17.169	188	1508668	21.920	ng/ul	0.00
81) Pyrene-d10	19.468	212	1789112	21.312	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	1752563	22.419	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	42474	7.909	ng/uL	99
5) Pyridine	3.610	79	309581	20.410	ng/ul	95
6) Benzaldehyde	6.828	77	226660m	25.597	ng/ul	
8) Phenol	6.875	94	413024	20.850	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.110	93	341155	21.120	ng/ul	99
12) 2-Chlorophenol	7.246	128	340054	21.976	ng/ul	96
13) 2-Methylphenol	8.122	108	324541	21.261	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.204	45	456111	20.053	ng/ul	98
16) Acetophenone	8.498	105	541416	21.517	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.487	70	264898	20.903	ng/ul	98
18) 4-Methylphenol	8.445	108	360670	21.107	ng/ul	99
19) Hexachloroethane	8.745	117	139233	21.461	ng/ul	94
22) Nitrobenzene	8.875	77	397316	21.610	ng/ul	98
23) Isophorone	9.398	82	776544	21.179	ng/ul	99
25) 2-Nitrophenol	9.581	139	194088	23.969	ng/ul	99
26) 2,4-Dimethylphenol	9.645	107	396223	22.016	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.881	93	493764	21.180	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	352056	22.867	ng/ul	99
30) Naphthalene	10.510	128	1198751	21.528	ng/ul	100
32) 4-Chloroaniline	10.628	127	507581	21.209	ng/ul	99
33) Hexachlorobutadiene	10.792	225	210005	21.670	ng/ul	99
34) Caprolactam	11.404	113	117177m	20.373	ng/ul	
35) 4-Chloro-3-methylphenol	11.751	107	389469	22.460	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.128	142	847465	21.793	ng/ul	99
37) 1-Methylnaphthalene	12.351	142	851337	21.566	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.498	216	422893	22.178	ng/ul	99
40) Hexachlorocyclopentadiene	12.475	237	211797	19.558	ng/ul	97
41) 2,4,6-Trichlorophenol	12.745	196	285466	23.957	ng/ul	95
42) 2,4,5-Trichlorophenol	12.816	196	315339	23.433	ng/ul	93
43) 1,1'-Biphenyl	13.151	154	1122289	22.284	ng/ul	98
44) 2-Chloronaphthalene	13.192	162	889137	22.427	ng/ul	99
45) 2-Nitroaniline	13.404	65	244499	23.174	ng/ul	98
47) Dimethylphthalate	13.786	163	1130827	22.191	ng/ul	98
48) 2,6-Dinitrotoluene	13.910	165	222538	23.553	ng/ul	99
50) Acenaphthylene	14.045	152	1488725	22.716	ng/ul	99
51) 3-Nitroaniline	14.233	138	246237	24.554	ng/ul	99
52) Acenaphthene	14.386	153	968596	22.178	ng/ul	100
53) 2,4-Dinitrophenol	14.439	184	86958	20.038	ng/ul	96
55) 4-Nitrophenol	14.545	109	162438	21.728	ng/ul	98
56) Dibenzofuran	14.722	168	1358826	22.383	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	337493	24.466	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.945	232	268354	24.011	ng/ul	96
59) Diethylphthalate	15.157	149	1166010	22.523	ng/ul	99
61) Fluorene	15.375	166	1070216	22.179	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	522222	22.059	ng/ul	100
63) 4-Nitroaniline	15.404	138	269780	27.671	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.457	198	172316	22.745	ng/ul	96
67) N-Nitrosodiphenylamine	15.586	169	929882	21.376	ng/ul	97
68) 4-Bromophenyl-phenylether	16.269	248	345191	22.758	ng/ul	96
69) Hexachlorobenzene	16.369	284	376237	21.065	ng/ul	93
70) Atrazine	16.545	200	334775	22.203	ng/ul	99
71) Pentachlorophenol	16.722	266	234007	22.221	ng/ul	98
72) Phenanthrene	17.116	178	1839670	22.416	ng/ul	98
74) Anthracene	17.204	178	1843857	22.225	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	425462	21.680	ng/uL	99
76) Pentachlorobenzene	14.639	250	438001	21.974	ng/uL	96
77) Carbazole	17.480	167	1720726	23.650	ng/ul	99
78) Di-n-butylphthalate	18.045	149	2088630	23.532	ng/ul	100
80) Fluoranthene	19.133	202	2185258	21.898	ng/ul	98
82) Pyrene	19.504	202	2247503	21.325	ng/ul	99
83) Butylbenzylphthalate	20.410	149	977036	24.275	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.221	252	642748	22.403	ng/ul	95
85) Benzo(a)anthracene	21.292	228	2277040	21.851	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.221	149	1401492	23.612	ng/ul	98
87) Chrysene	21.351	228	2179961	22.163	ng/ul	97
89) Di-n-octyl phthalate	22.333	149	2445442	22.762	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	2234431	22.379	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	2260375	22.292	ng/ul	97
93) Benzo(a)pyrene	24.103	252	2143046	22.722	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.527	276	2288737	22.448	ng/ul	99
95) Dibenzo(a,h)anthracene	27.586	278	1933156	22.523	ng/ul	97
96) Benzo(g,h,i)perylene	28.562	276	1843942	23.038	ng/ul	95

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

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