Quantitation Report (Qedit)

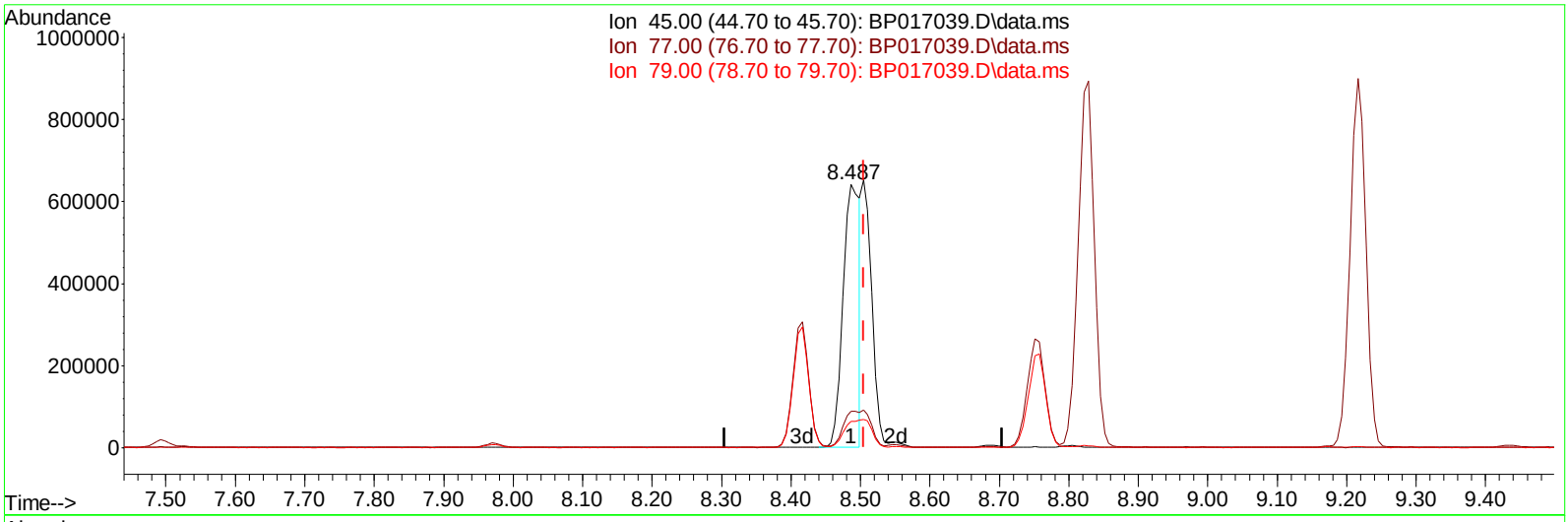
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
Data File : BP017039.D
Acq On : 09 Sep 2023 07:09
Operator : MA/JU
Sample : PB155205BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

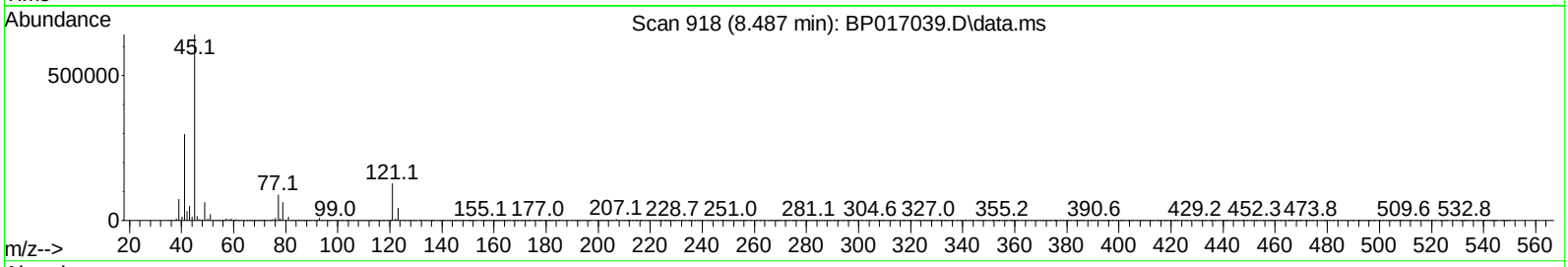
Quant Time: Sep 09 23:02:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 01:41:21 2023
Response via : Initial Calibration

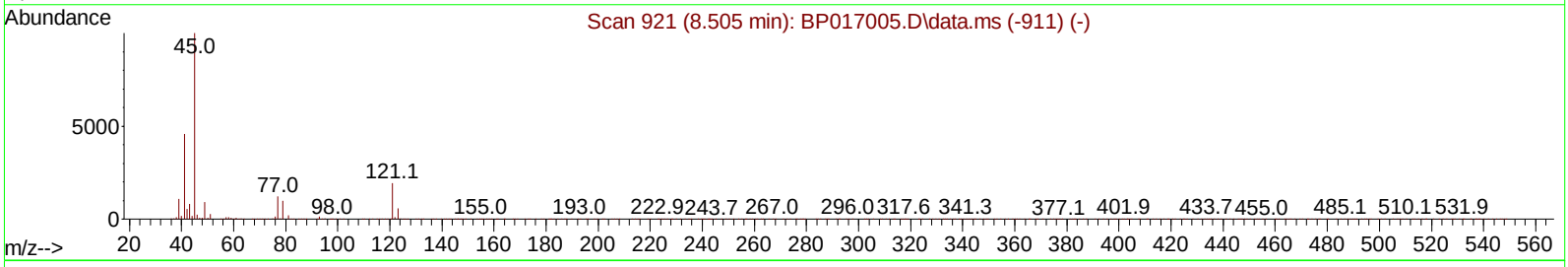
Instrument :
BNA_P
ClientSampleId :
SLCS205

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/11/2023







TIC: BP017039.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.487min (-0.018) 25.74 ng/ul

response 1072365

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	13.87
79.00	11.20	9.98
0.00	0.00	0.00

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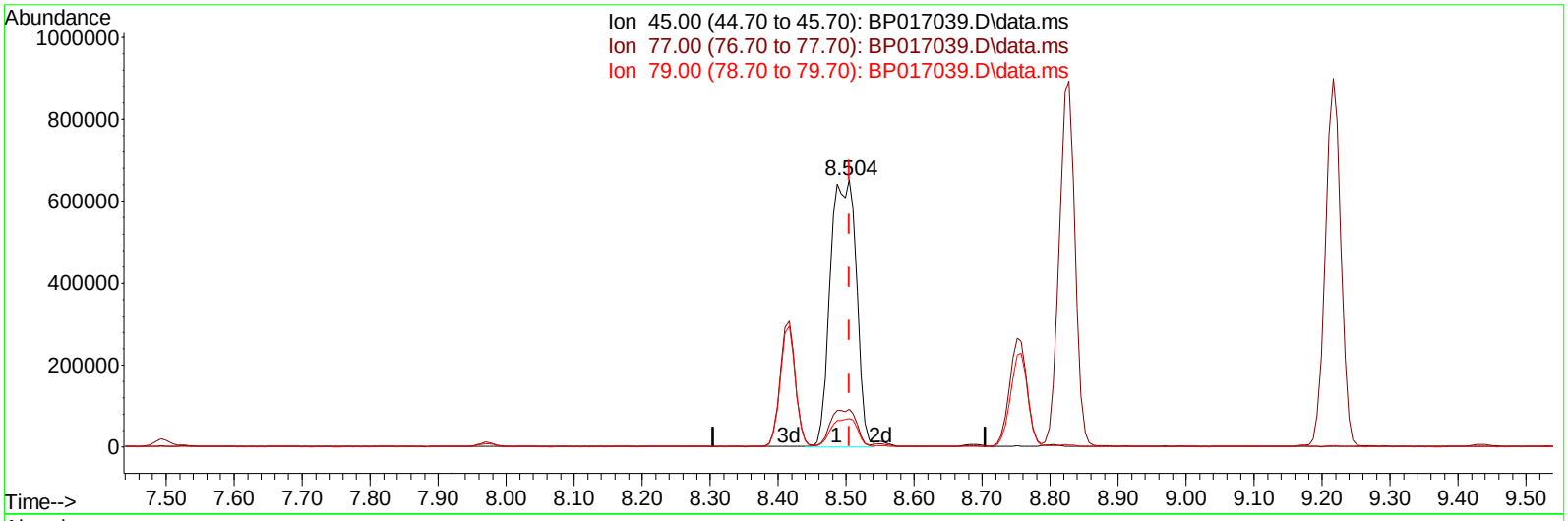

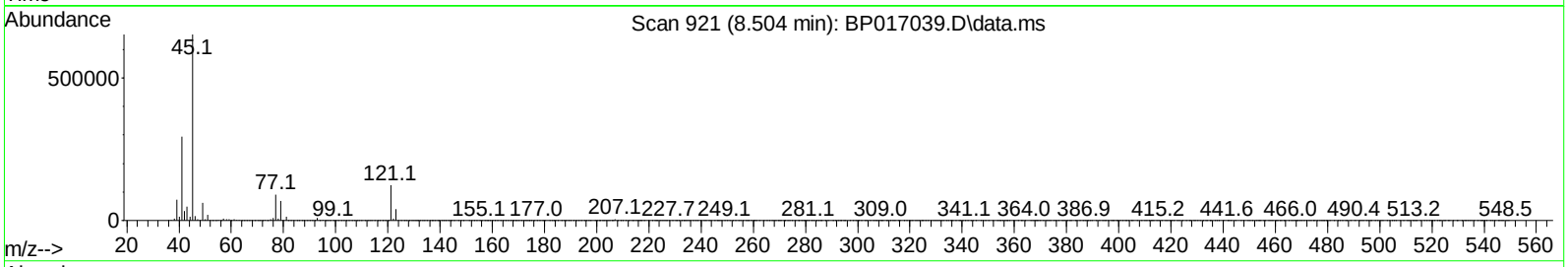

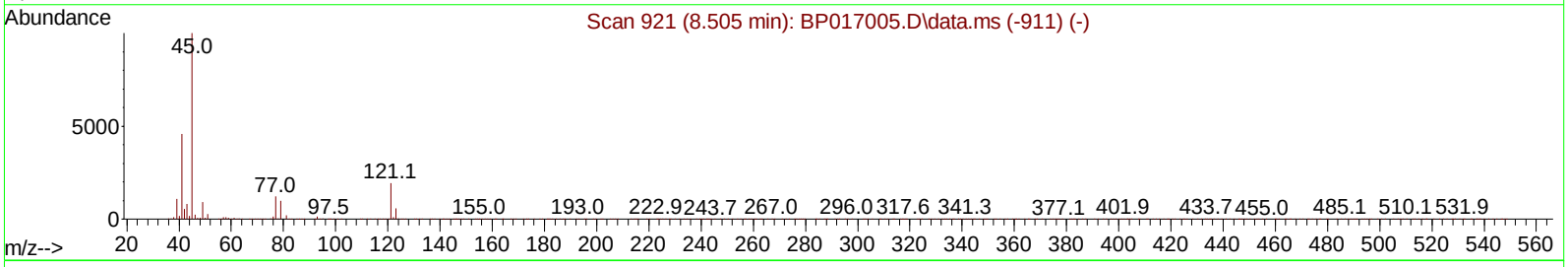

TIC: BP017039.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.504min (-0.000) 41.59 ng/ul m

response 1732418

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	14.02
79.00	11.20	10.46
0.00	0.00	0.00

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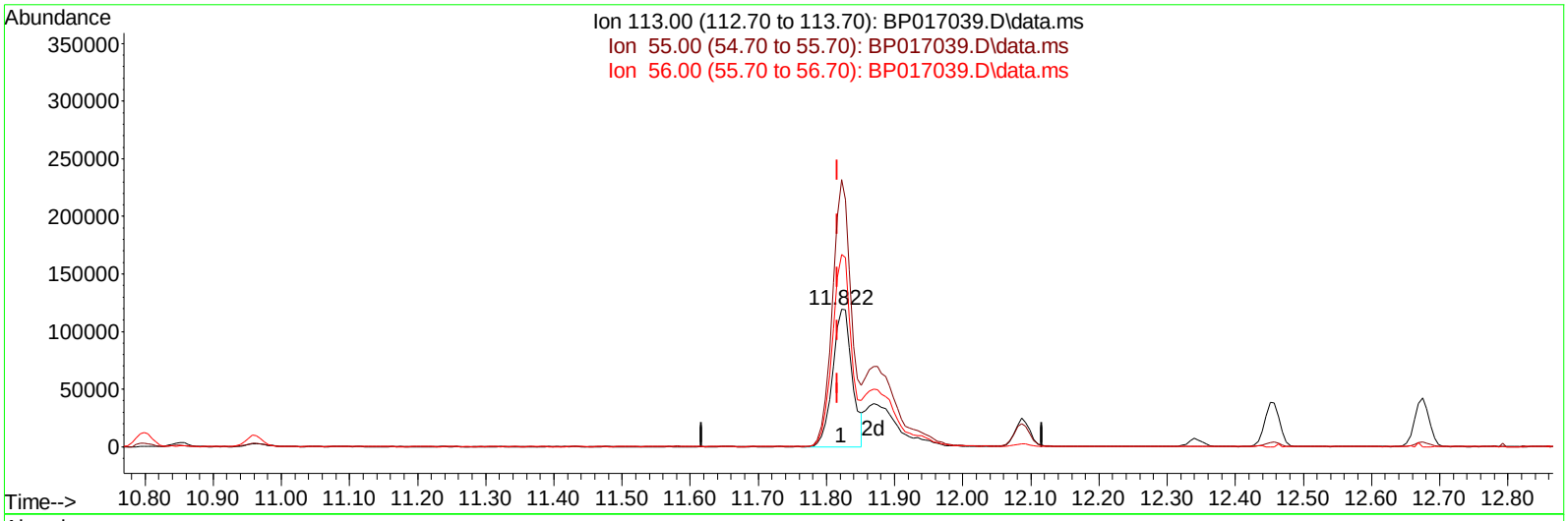

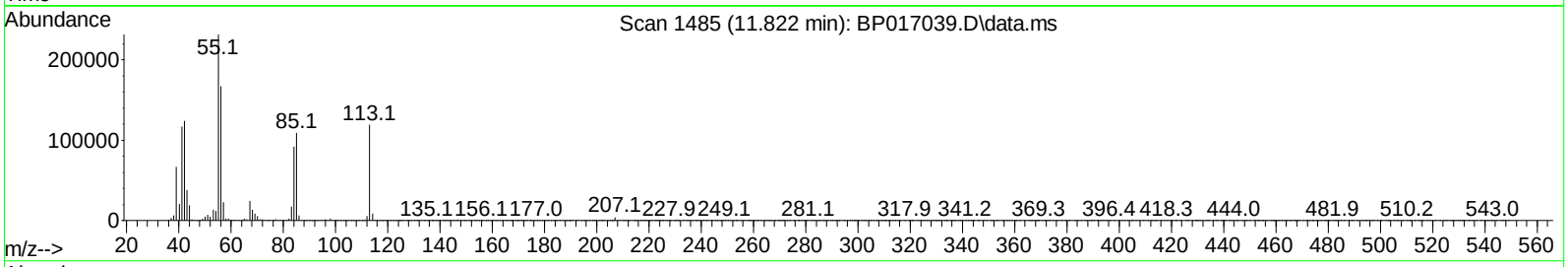

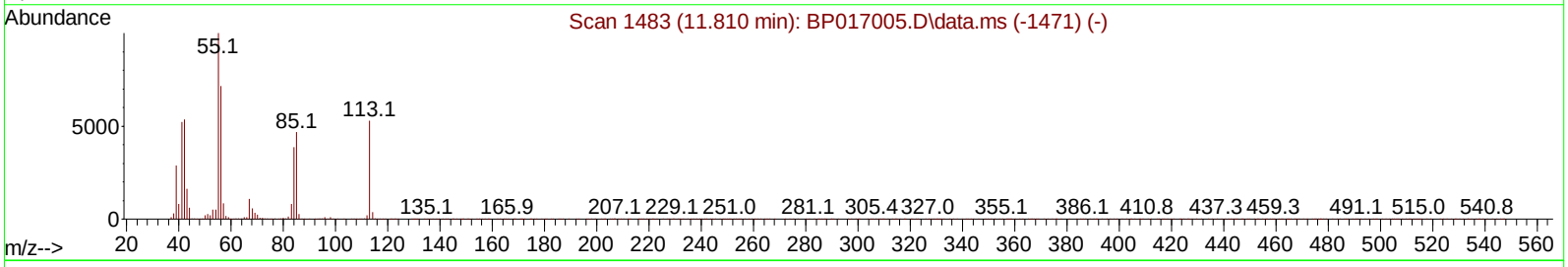

TIC: BP017039.D\data.ms

(34) Caprolactam

11.822min (+ 0.006) 27.36 ng/ul

response 240013

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	194.47
56.00	127.70	140.28
0.00	0.00	0.00

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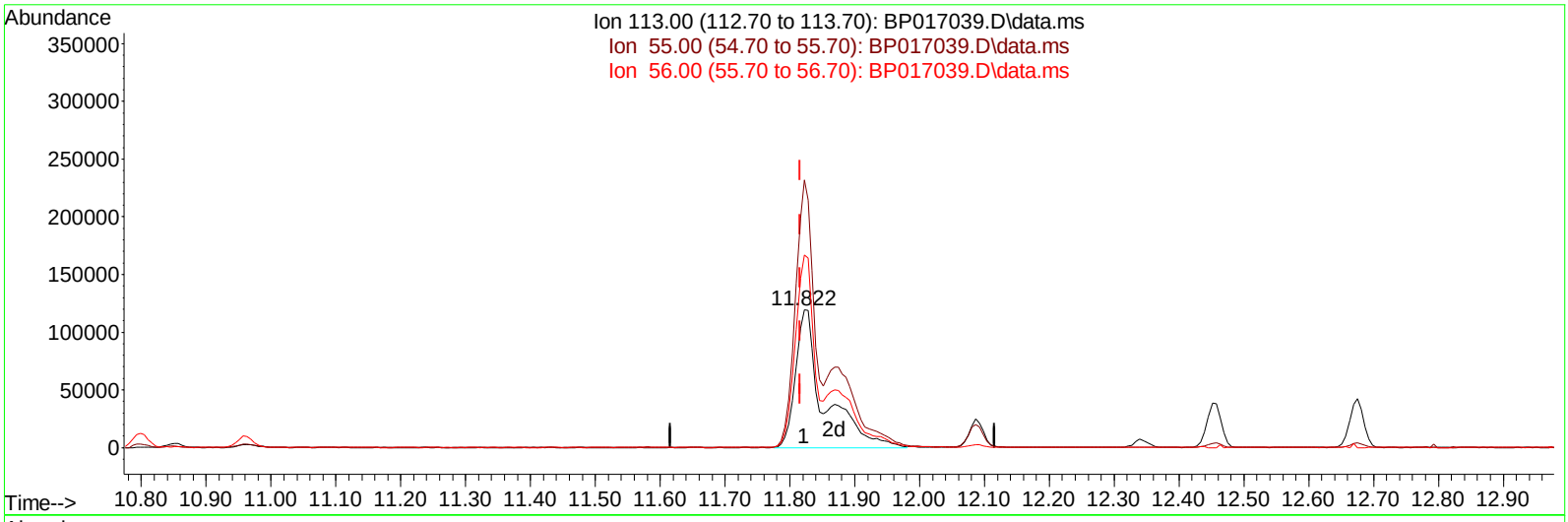

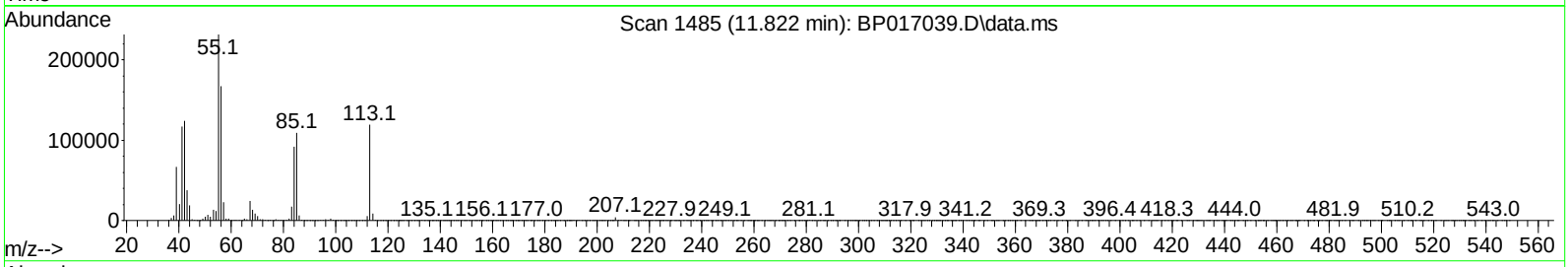

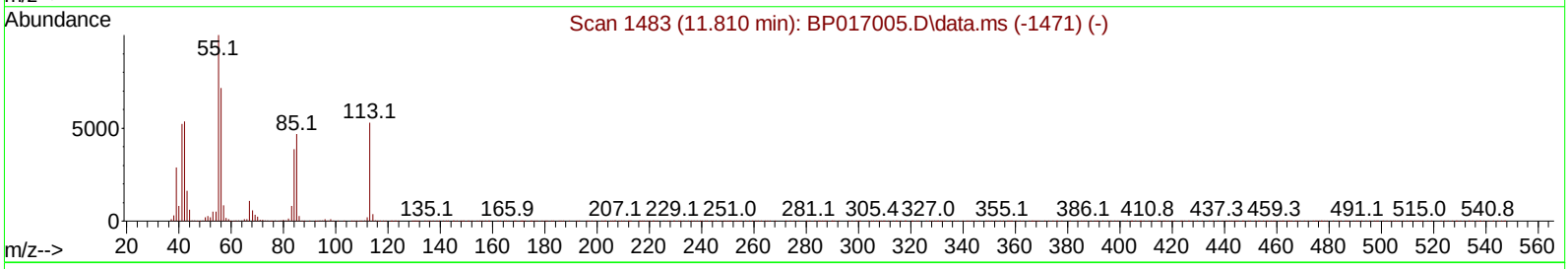

TIC: BP017039.D\data.ms

(34) Caprolactam

11.822min (+ 0.006) 41.56 ng/ul m

response 364623

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	194.47
56.00	127.70	140.28
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	390878	20.000	ng/ul	0.00
20) Naphthalene-d8	10.798	136	1674194	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	1004714	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	2131305	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	1733212	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	1616440	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	91975	8.901	ng/uL	0.00
4) Pyridine-d5	3.758	84	1098194	37.193	ng/ul	0.00
7) Phenol-d5	7.122	99	1395927	39.090	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	858511	38.434	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	1021877	39.538	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	1047311	38.496	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	505315	38.905	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	560209	39.788	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	1003256	38.596	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1338191	35.683	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2868683	38.357	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	3346656	38.775	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	562581	38.509	ng/ul	0.00
60) Fluorene-d10	15.628	176	2445479	38.191	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	476070	37.117	ng/ul	0.00
73) Anthracene-d10	17.498	188	3751709	38.330	ng/ul	0.00
81) Pyrene-d10	19.733	212	4165341	39.456	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.862	264	3318123	40.462	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	167579	15.020	ng/uL	96
5) Pyridine	3.781	79	1130529	35.966	ng/ul	99
6) Benzaldehyde	7.128	77	905876	55.969	ng/ul	98
8) Phenol	7.152	94	1526869	41.153	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.410	93	1188041	40.154	ng/ul	99
12) 2-Chlorophenol	7.528	128	1129752	41.031	ng/ul	99
13) 2-Methylphenol	8.416	108	1101948	40.490	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.504	45	1732418m	41.587	ng/ul	
16) Acetophenone	8.828	105	1787603	40.718	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.804	70	969198	41.327	ng/ul	100
18) 4-Methylphenol	8.751	108	1209479	40.751	ng/ul	100
19) Hexachloroethane	9.040	117	465318	40.795	ng/ul	98
22) Nitrobenzene	9.216	77	1427477	41.160	ng/ul	99
23) Isophorone	9.734	82	2662442	40.862	ng/ul	99
25) 2-Nitrophenol	9.922	139	648427	41.829	ng/ul	100
26) 2,4-Dimethylphenol	9.957	107	1166049	36.841	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.216	93	1627623	40.308	ng/ul	100
29) 2,4-Dichlorophenol	10.440	162	1068200	40.323	ng/ul	98
30) Naphthalene	10.851	128	3584430	39.236	ng/ul	99
32) 4-Chloroaniline	10.987	127	1402888	35.945	ng/ul	100
33) Hexachlorobutadiene	11.081	225	599544	37.865	ng/ul	98
34) Caprolactam	11.822	113	364623m	41.561	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	1212626	41.771	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.457	142	2409845	39.917	ng/ul	100
37) 1-Methylnaphthalene	12.675	142	2374841	39.072	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.804	216	1160156	39.192	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	608980	31.751	ng/ul	98
41) 2,4,6-Trichlorophenol	13.057	196	811208	40.263	ng/ul	98
42) 2,4,5-Trichlorophenol	13.128	196	901546	41.126	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	3188863	40.096	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	2496835	39.986	ng/ul	98
45) 2-Nitroaniline	13.745	65	863845	46.453	ng/ul	98
47) Dimethylphthalate	14.092	163	3207879	40.879	ng/ul	99
48) 2,6-Dinitrotoluene	14.239	165	675797	44.345	ng/ul	98
50) Acenaphthylene	14.357	152	3908243	40.440	ng/ul	99
51) 3-Nitroaniline	14.575	138	715162	47.023	ng/ul	98
52) Acenaphthene	14.698	153	2718993	40.324	ng/ul	100
53) 2,4-Dinitrophenol	14.775	184	350362	37.080	ng/ul	98
55) 4-Nitrophenol	14.869	109	486320	41.593	ng/ul	98
56) Dibenzofuran	15.033	168	3713549	40.054	ng/ul	100
57) 2,4-Dinitrotoluene	15.022	165	985995	45.072	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.245	232	705377	39.909	ng/ul	97
59) Diethylphthalate	15.451	149	3288757	41.939	ng/ul	99
61) Fluorene	15.681	166	3103785	40.605	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.675	204	1491929	40.387	ng/ul	97
63) 4-Nitroaniline	15.751	138	706041	52.801	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.775	198	525533	39.109	ng/ul	97
67) N-Nitrosodiphenylamine	15.898	169	2625113	40.848	ng/ul	100
68) 4-Bromophenyl-phenylether	16.575	248	851466	40.156	ng/ul	99
69) Hexachlorobenzene	16.657	284	920833	39.617	ng/ul	96
70) Atrazine	16.857	200	723276	32.871	ng/ul	98
71) Pentachlorophenol	17.022	266	559888	36.938	ng/ul	99
72) Phenanthrene	17.445	178	4850576	40.957	ng/ul	100
74) Anthracene	17.533	178	4838738	40.644	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	773518	25.479	ng/uL	98
76) Pentachlorobenzene	14.922	250	1090027	37.274	ng/uL	100
77) Carbazole	17.822	167	4478147	41.858	ng/ul	99
78) Di-n-butylphthalate	18.327	149	5684809	43.373	ng/ul	99
80) Fluoranthene	19.404	202	5506366	41.773	ng/ul	98
82) Pyrene	19.763	202	5667605	41.411	ng/ul	97
83) Butylbenzylphthalate	20.621	149	2582439	45.626	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.421	252	1646786	42.813	ng/ul	99
85) Benzo(a)anthracene	21.480	228	5132505	42.047	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.357	149	3672159	46.963	ng/ul	99
87) Chrysene	21.539	228	4767678	41.754	ng/ul	98
89) Di-n-octyl phthalate	22.327	149	6035314	44.540	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	4666674	41.321	ng/ul	99
91) Benzo(k)fluoranthene	23.298	252	4525734	41.382	ng/ul	99
93) Benzo(a)pyrene	23.921	252	3969588	42.141	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.721	276	4689447	44.847	ng/ul	98
95) Dibenzo(a,h)anthracene	26.745	278	3876136	44.913	ng/ul	99
96) Benzo(g,h,i)perylene	27.562	276	3665327	44.482	ng/ul	97

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

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