Quantitation Report (Qedit)

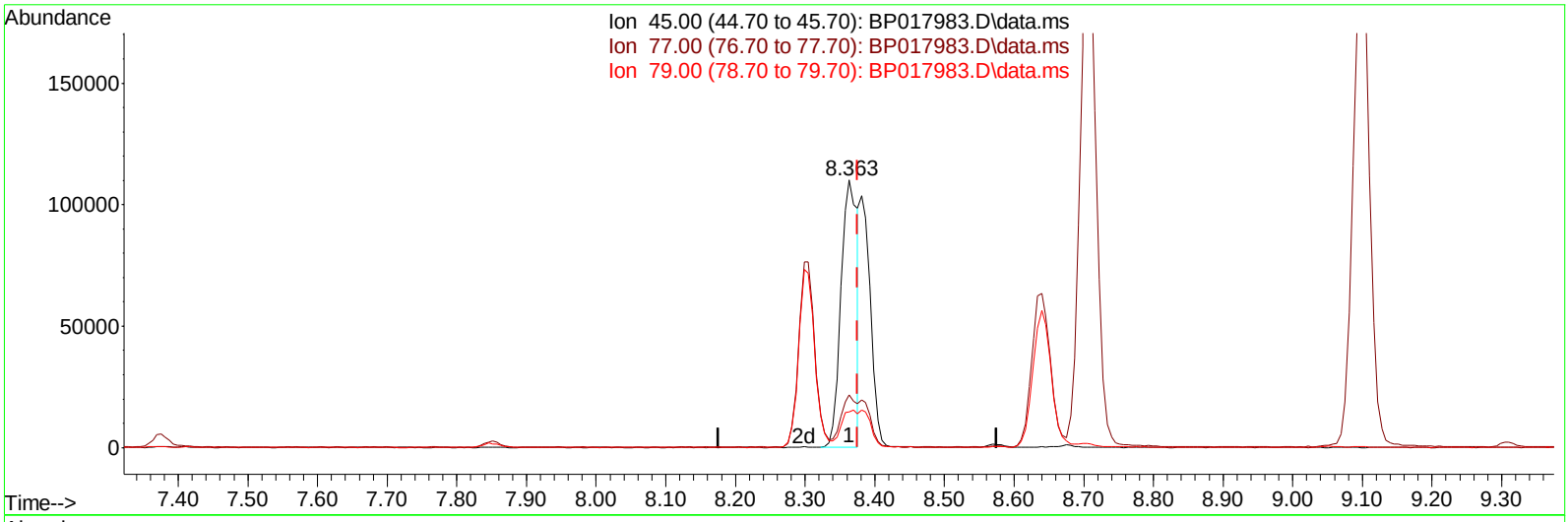
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017983.D
Acq On : 09 Nov 2023 03:37
Operator : MA/JU
Sample : PB156654BS
Misc :
ALS Vial : 64 Sample Multiplier: 1

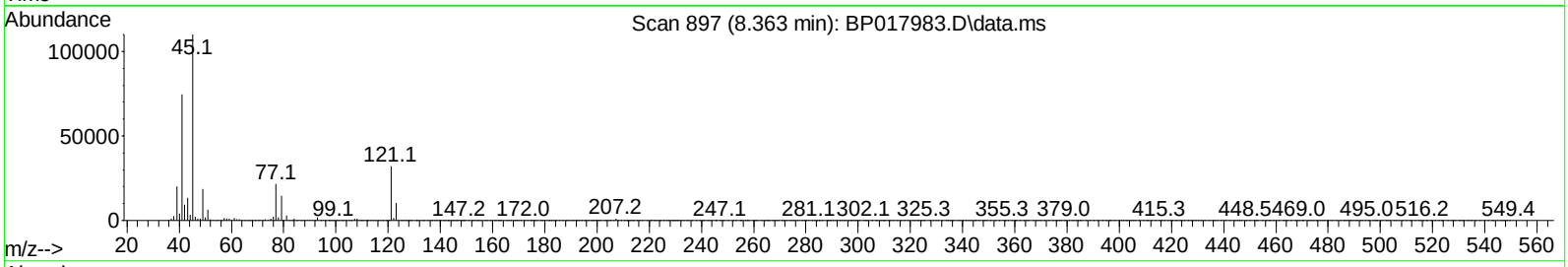
Quant Time: Nov 09 04:19:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 03:40:56 2023
Response via : Initial Calibration

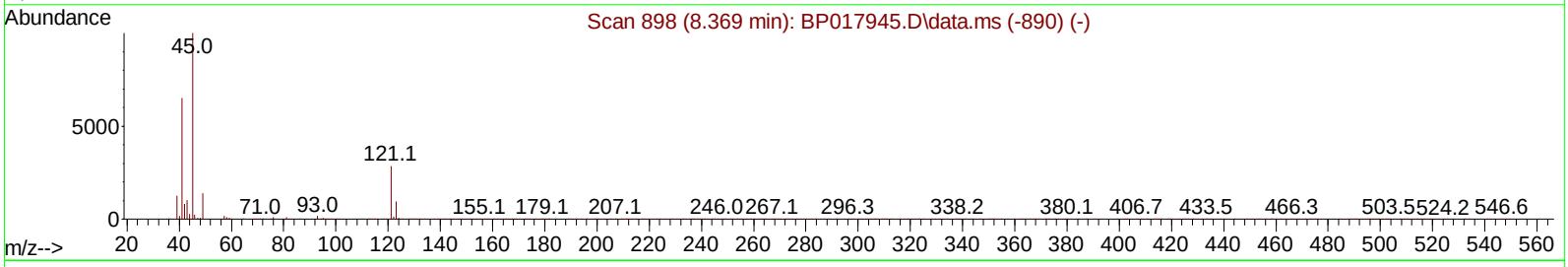
Instrument :
BNA_P
ClientSampleId :
SLCS654

Manual IntegrationsAPPROVED

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







TIC: BP017983.D\data.ms

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

8.363min (-0.012) 25.40 ng/ul

response 180277

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.50	19.69
79.00	14.00	13.38
0.00	0.00	0.00

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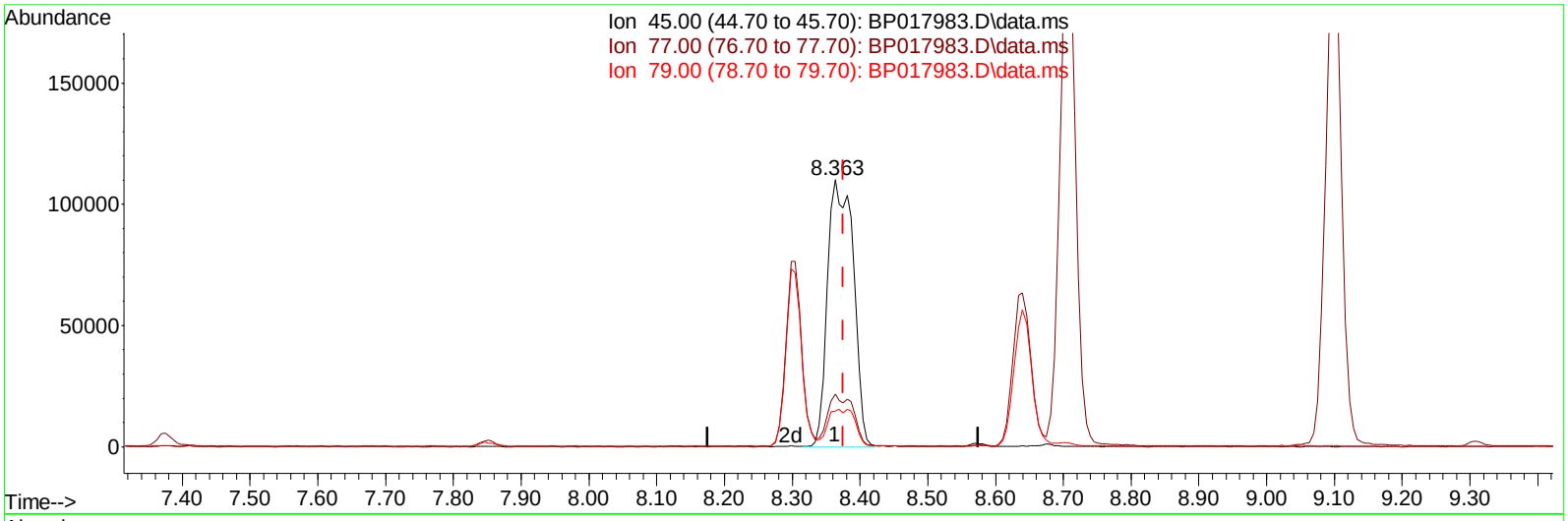

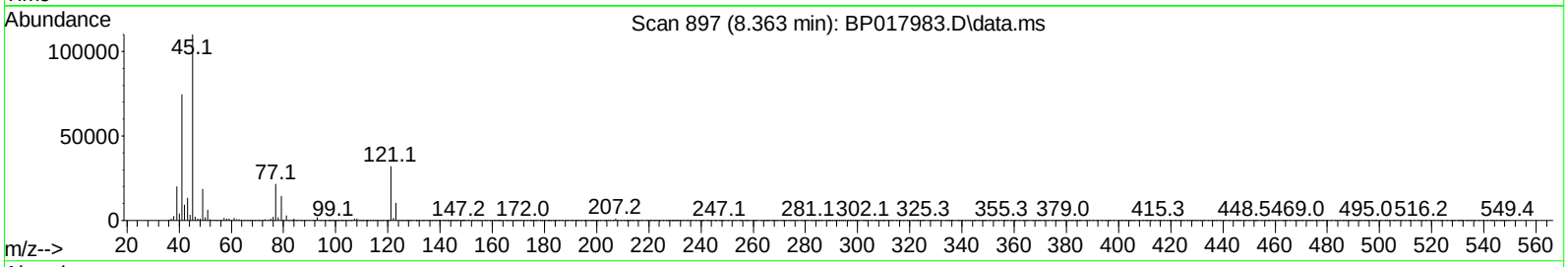

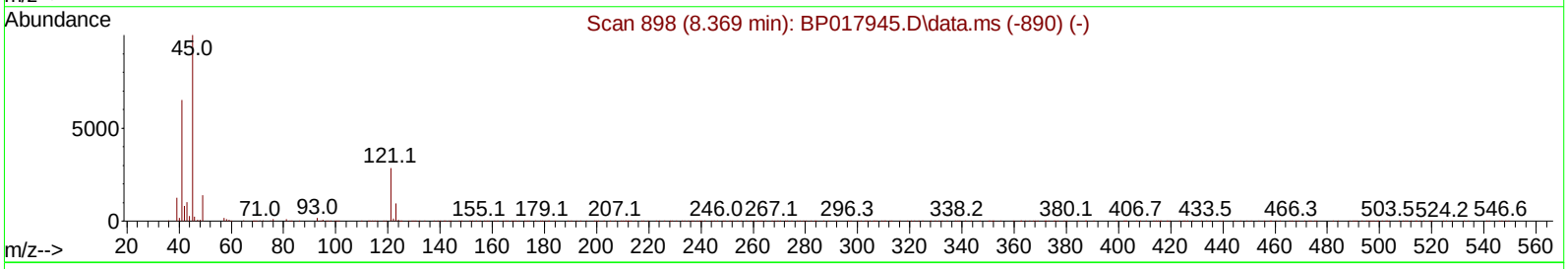

TIC: BP017983.D\data.ms

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

8.363min (-0.012) 40.98 ng/ul m

response 290923

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.50	19.69
79.00	14.00	13.38
0.00	0.00	0.00

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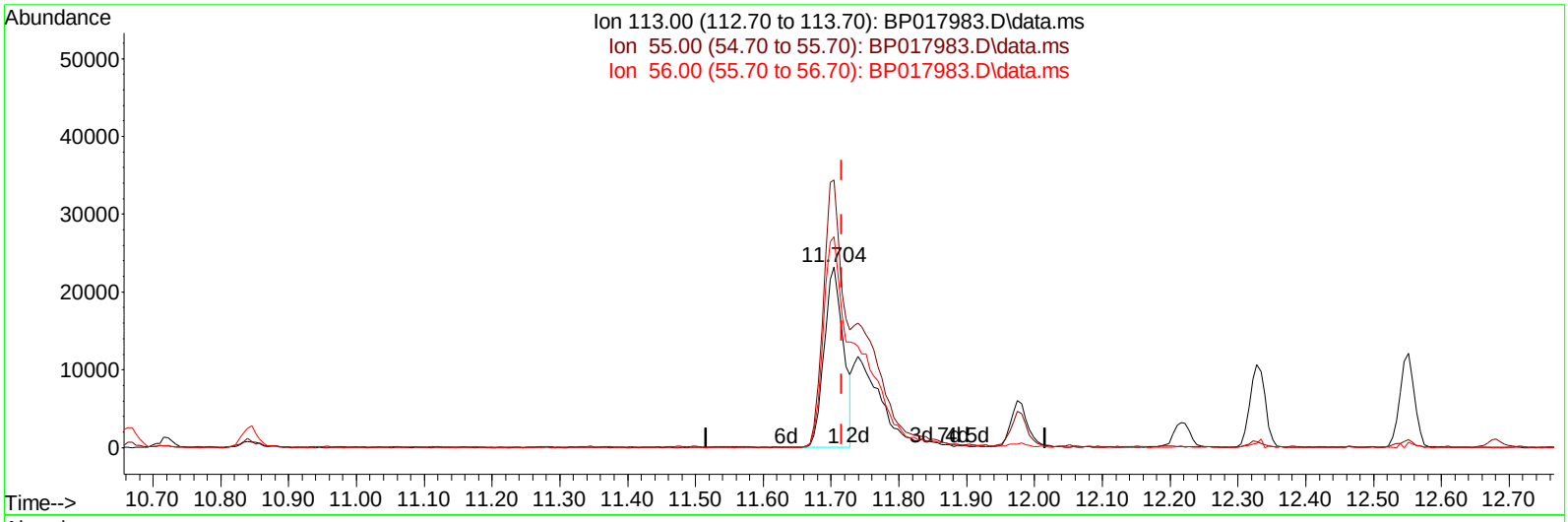

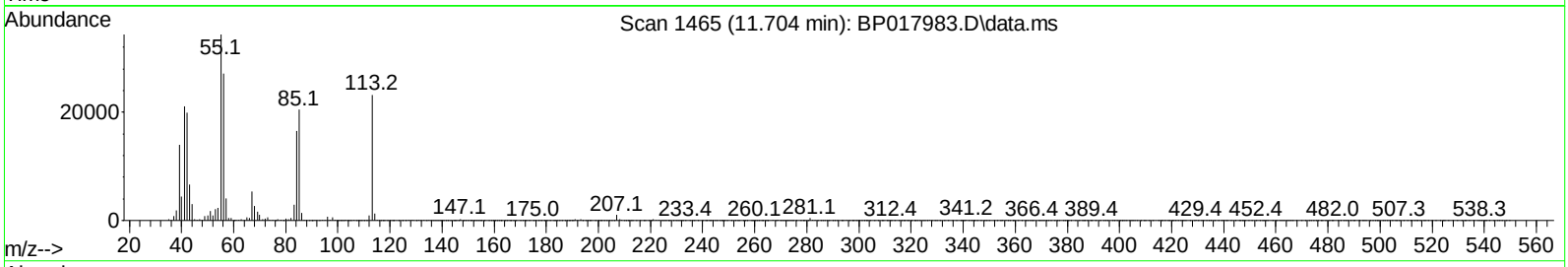

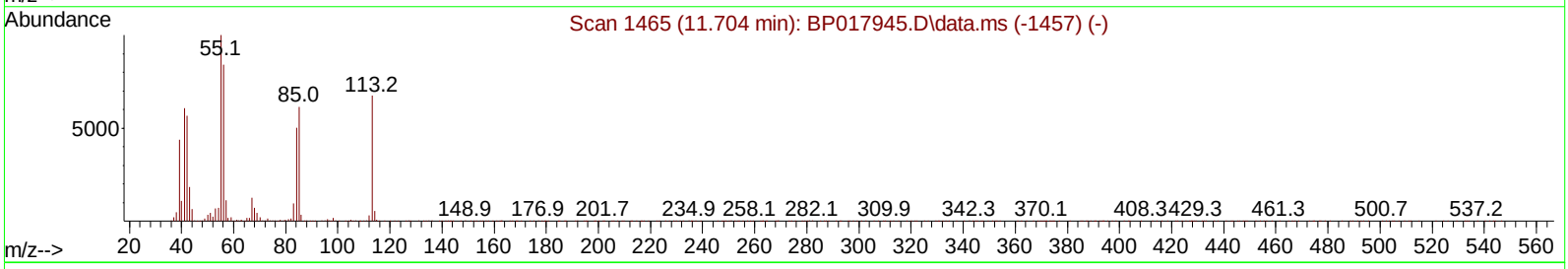

TIC: BP017983.D\data.ms

(34) Caprolactam

11.704min (-0.012) 25.28 ng/ul

response 45973

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.60	147.92
56.00	114.60	116.76
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : PB156654BS
Misc :
ALS Vial : 64 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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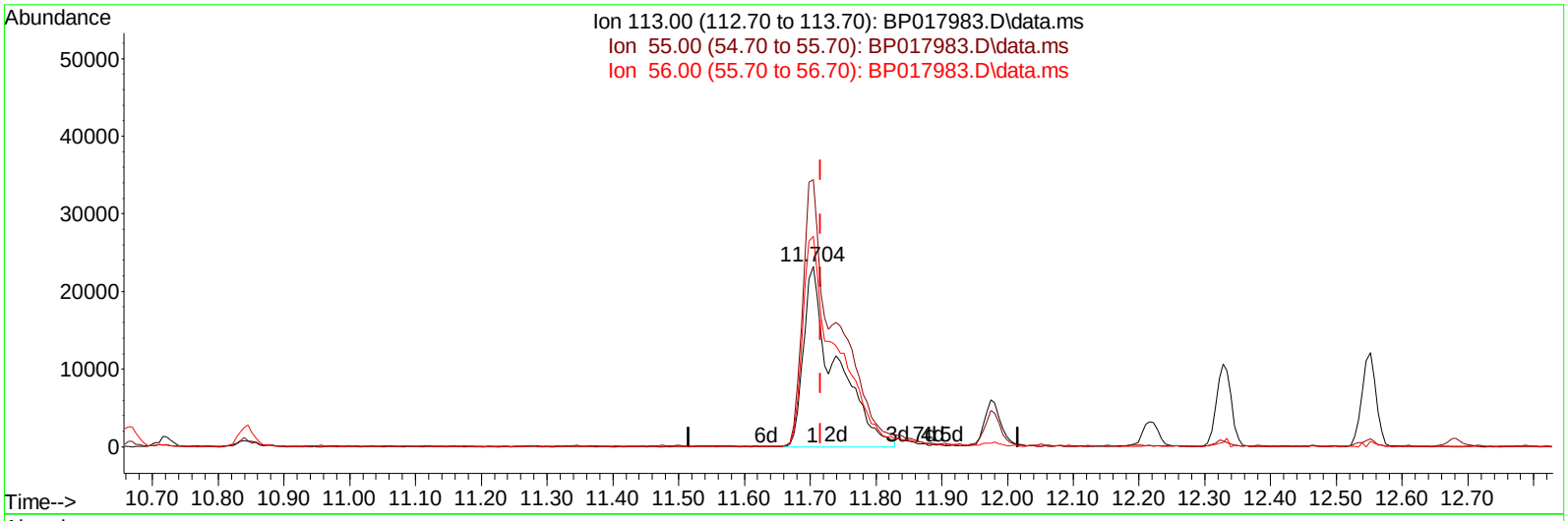

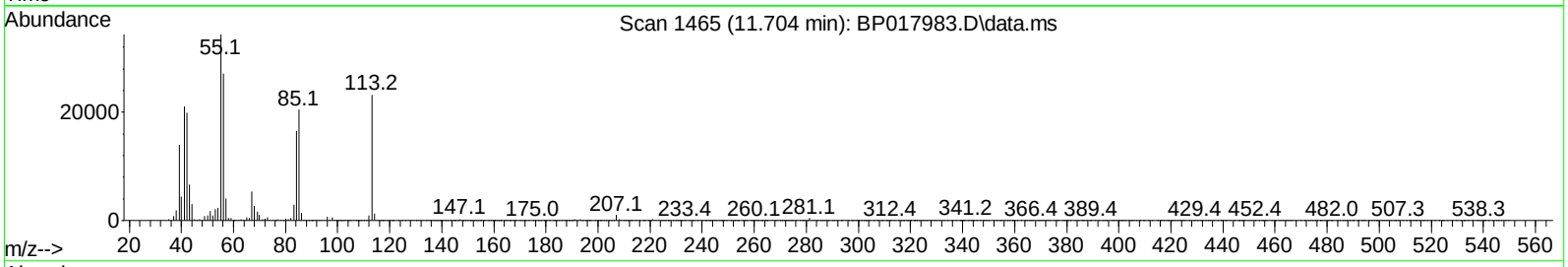

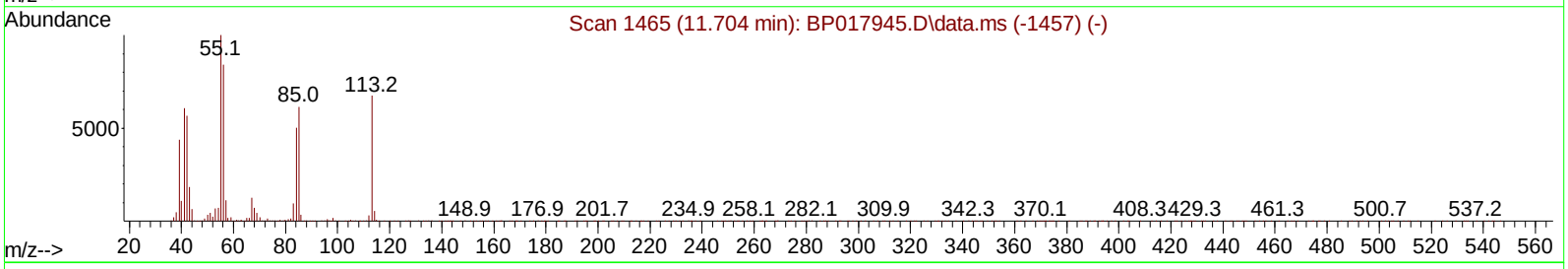

TIC: BP017983.D\data.ms

(34) Caprolactam

11.704min (-0.012) 43.31 ng/ul m

response 78752

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.60	147.92
56.00	114.60	116.76
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	83454	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.663	136	349630	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.516	164	216108	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	472448	20.000	ng/ul	-0.01
79) Chrysene-d12	21.410	240	417893	20.000	ng/ul	0.00
88) Perylene-d12	23.886	264	446615	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	16763	7.688	ng/uL	0.00
4) Pyridine-d5	3.675	84	223471	36.928	ng/ul	0.00
7) Phenol-d5	7.016	99	315774	40.349	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.205	67	188620	39.955	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	249691	41.521	ng/ul	-0.01
15) 4-Methylphenol-d8	8.575	113	254943	39.414	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	124164	44.439	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.763	143	145320	45.157	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.287	165	258207	43.766	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.840	131	315720	36.929	ng/ul	-0.01
46) Dimethylphthalate-d6	13.940	166	774497	40.872	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	853612	41.053	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	126310	43.353	ng/ul	-0.01
60) Fluorene-d10	15.516	176	635529	40.070	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	131749	38.133	ng/ul	0.00
73) Anthracene-d10	17.392	188	977937	39.811	ng/ul	0.00
81) Pyrene-d10	19.639	212	1138054	42.900	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1056498	42.337	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	35313	14.831	ng/uL	98
5) Pyridine	3.693	79	221633	35.226	ng/ul	98
6) Benzaldehyde	7.022	77	162728	37.385	ng/ul	94
8) Phenol	7.046	94	320150	41.586	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.299	93	250692	40.659	ng/ul	97
12) 2-Chlorophenol	7.405	128	255201	42.733	ng/ul	99
13) 2-Methylphenol	8.305	108	241088	40.734	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.363	45	290923m	40.984	ng/ul	
16) Acetophenone	8.704	105	406617	39.171	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.675	70	218359	40.194	ng/ul	97
18) 4-Methylphenol	8.640	108	257390	40.426	ng/ul	95
19) Hexachloroethane	8.904	117	117984	39.550	ng/ul	99
22) Nitrobenzene	9.099	77	344998	45.274	ng/ul	100
23) Isophorone	9.604	82	610744	44.073	ng/ul	98
25) 2-Nitrophenol	9.799	139	149992	45.037	ng/ul	98
26) 2,4-Dimethylphenol	9.840	107	280238	39.842	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.093	93	342065	44.874	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	252993	44.342	ng/ul	94
30) Naphthalene	10.716	128	822749	40.545	ng/ul	100
32) 4-Chloroaniline	10.869	127	284287	34.624	ng/ul	100
33) Hexachlorobutadiene	10.934	225	177165	37.320	ng/ul	97
34) Caprolactam	11.704	113	78752m	43.310	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	289147	43.776	ng/ul	93

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Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.328	142	563769	40.717	ng/ul	99
37) 1-Methylnaphthalene	12.551	142	561497	39.254	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.681	216	309077	41.289	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	139047	34.880	ng/ul	99
41) 2,4,6-Trichlorophenol	12.945	196	202340	42.757	ng/ul	96
42) 2,4,5-Trichlorophenol	13.022	196	218230	44.781	ng/ul	98
43) 1,1'-Biphenyl	13.345	154	751033	42.615	ng/ul	99
44) 2-Chloronaphthalene	13.392	162	592663	42.213	ng/ul	97
45) 2-Nitroaniline	13.645	65	207252	49.301	ng/ul	96
47) Dimethylphthalate	13.987	163	784210	41.964	ng/ul	100
48) 2,6-Dinitrotoluene	14.139	165	162161	43.719	ng/ul	97
50) Acenaphthylene	14.245	152	986154	42.373	ng/ul	99
51) 3-Nitroaniline	14.481	138	156874	44.899	ng/ul	96
52) Acenaphthene	14.581	153	650276	42.160	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	79127	36.243	ng/ul#	84
55) 4-Nitrophenol	14.781	109	162372	42.955	ng/ul	96
56) Dibenzofuran	14.922	168	891088	41.823	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	242842	43.811	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.139	232	182682	40.228	ng/ul	92
59) Diethylphthalate	15.339	149	822220	42.227	ng/ul	99
61) Fluorene	15.575	166	749861	41.567	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.563	204	374347	40.097	ng/ul	98
63) 4-Nitroaniline	15.657	138	159542	48.267	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.681	198	144984	40.169	ng/ul#	94
67) N-Nitrosodiphenylamine	15.792	169	620310	42.660	ng/ul	99
68) 4-Bromophenyl-phenylether	16.463	248	223117	40.105	ng/ul#	90
69) Hexachlorobenzene	16.545	284	246756	38.643	ng/ul#	88
70) Atrazine	16.751	200	198028	35.658	ng/ul	99
71) Pentachlorophenol	16.916	266	148500	38.286	ng/ul	97
72) Phenanthrene	17.333	178	1171663	42.177	ng/ul	99
74) Anthracene	17.428	178	1184065	41.932	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	303057	40.930	ng/uL	98
76) Pentachlorobenzene	14.810	250	275606	37.301	ng/uL	98
77) Carbazole	17.722	167	1053364	41.834	ng/ul	99
78) Di-n-butylphthalate	18.227	149	1388144	44.306	ng/ul	100
80) Fluoranthene	19.310	202	1384471	44.719	ng/ul	99
82) Pyrene	19.669	202	1436500	44.486	ng/ul	99
83) Butylbenzylphthalate	20.533	149	649893	45.744	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.339	252	413438	39.577	ng/ul	99
85) Benzo(a)anthracene	21.392	228	1410520	43.829	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.269	149	923979	44.913	ng/ul	100
87) Chrysene	21.445	228	1293454	43.341	ng/ul	99
89) Di-n-octyl phthalate	22.221	149	1592868	42.229	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1356817	44.016	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	1343636	43.466	ng/ul	100
93) Benzo(a)pyrene	23.780	252	1267011	44.215	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.527	276	1518129	44.480	ng/ul	99
95) Dibenzo(a,h)anthracene	26.545	278	1266766	44.617	ng/ul	99
96) Benzo(g,h,i)perylene	27.345	276	1200468	44.180	ng/ul	99

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

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