Quantitation Report (Qedit)

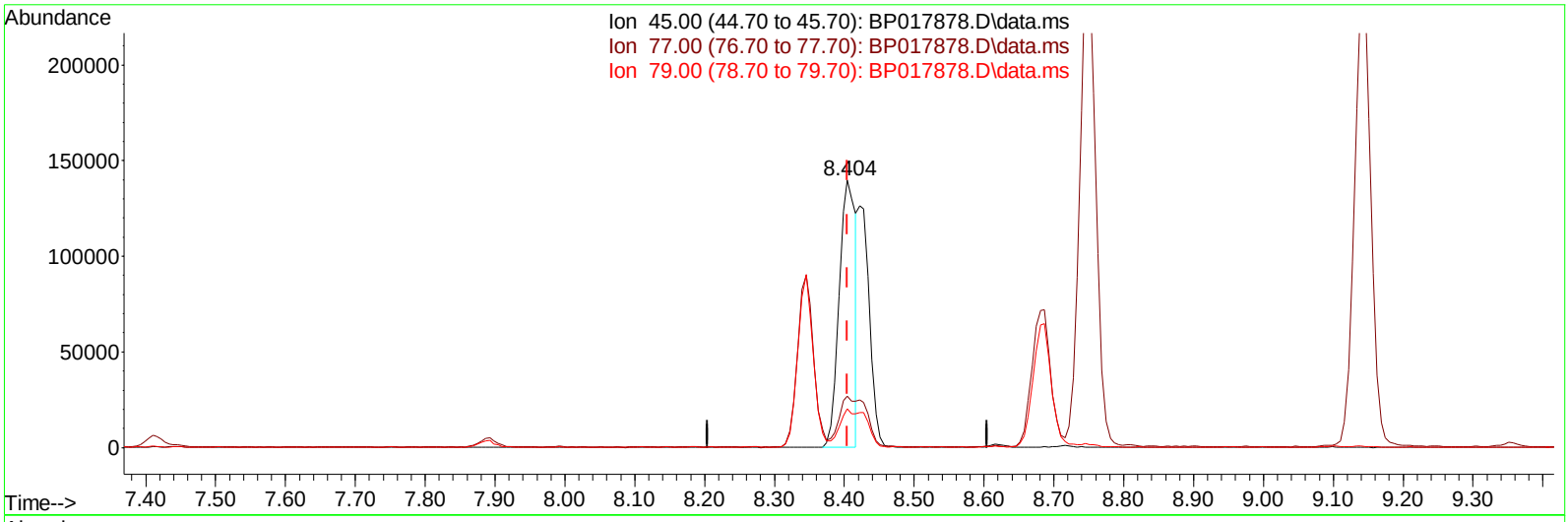
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017878.D
Acq On : 02 Nov 2023 10:21
Operator : MA/JU
Sample : PB156594BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

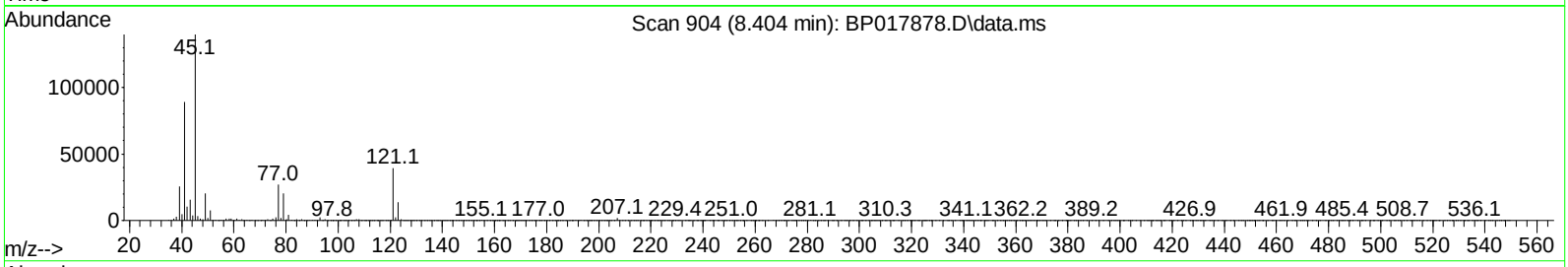
Quant Time: Nov 02 23:33:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

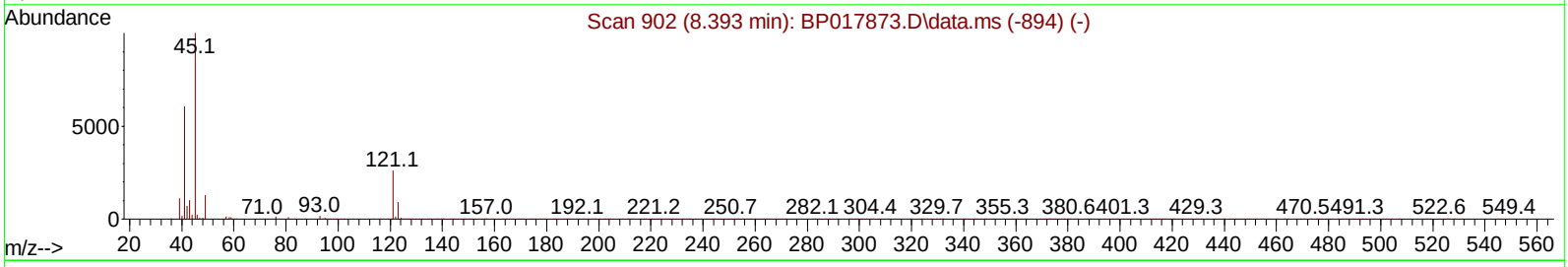
Instrument :
BNA_P
ClientSampleId :
SLCS594

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023







TIC: BP017878.D\data.ms

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

8.404min (-0.000) 15.56 ng/ul

response 225833

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.80	19.32
79.00	12.90	14.50
0.00	0.00	0.00

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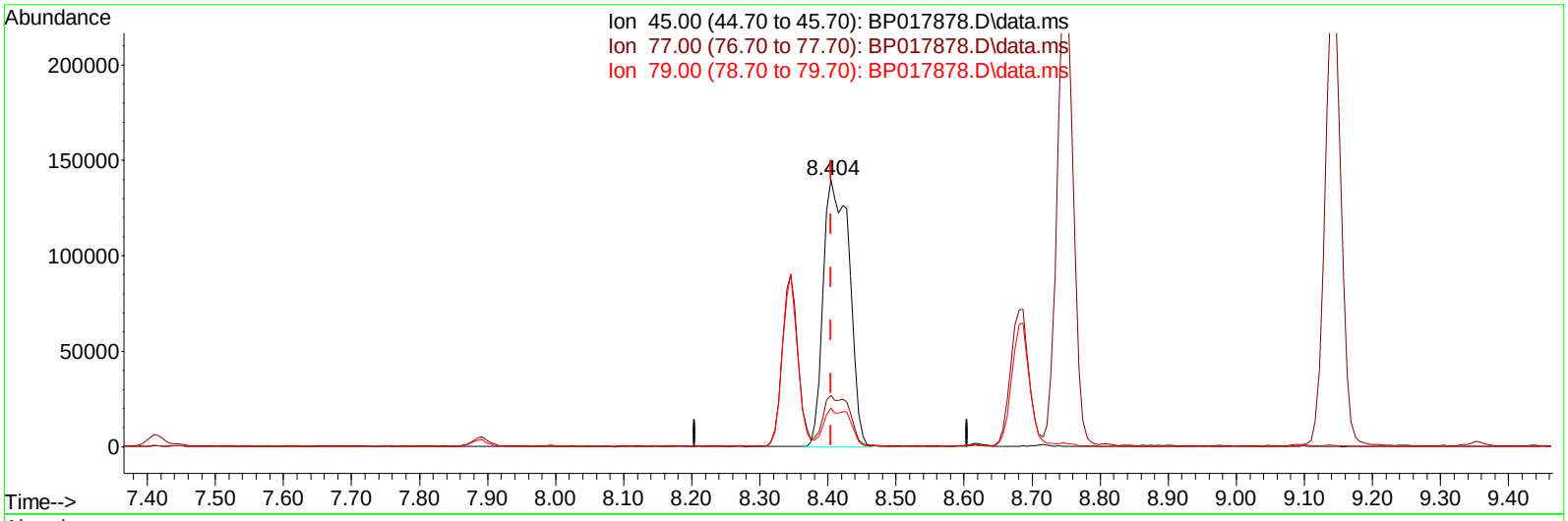

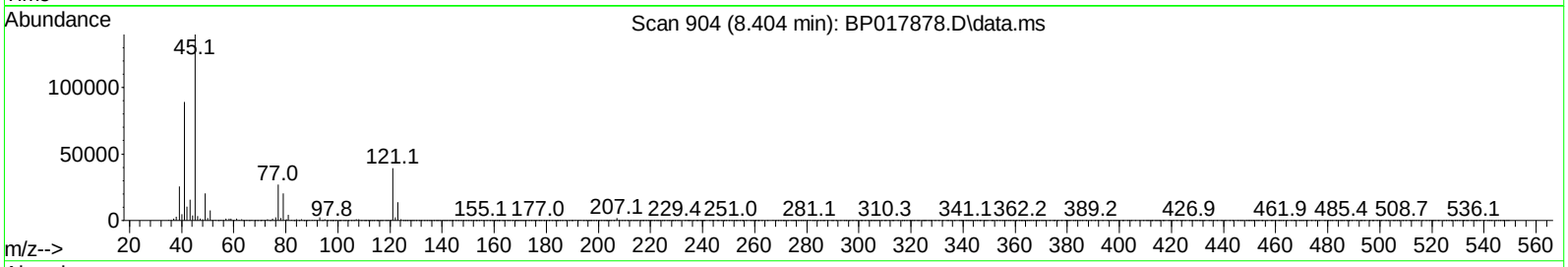

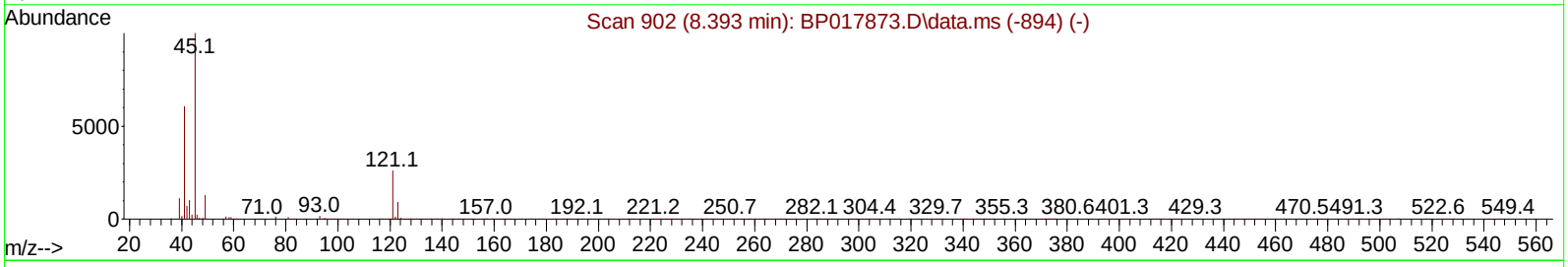

TIC: BP017878.D\data.ms

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

8.404min (-0.000) 25.63 ng/ul m

response 371995

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.80	19.32
79.00	12.90	14.50
0.00	0.00	0.00

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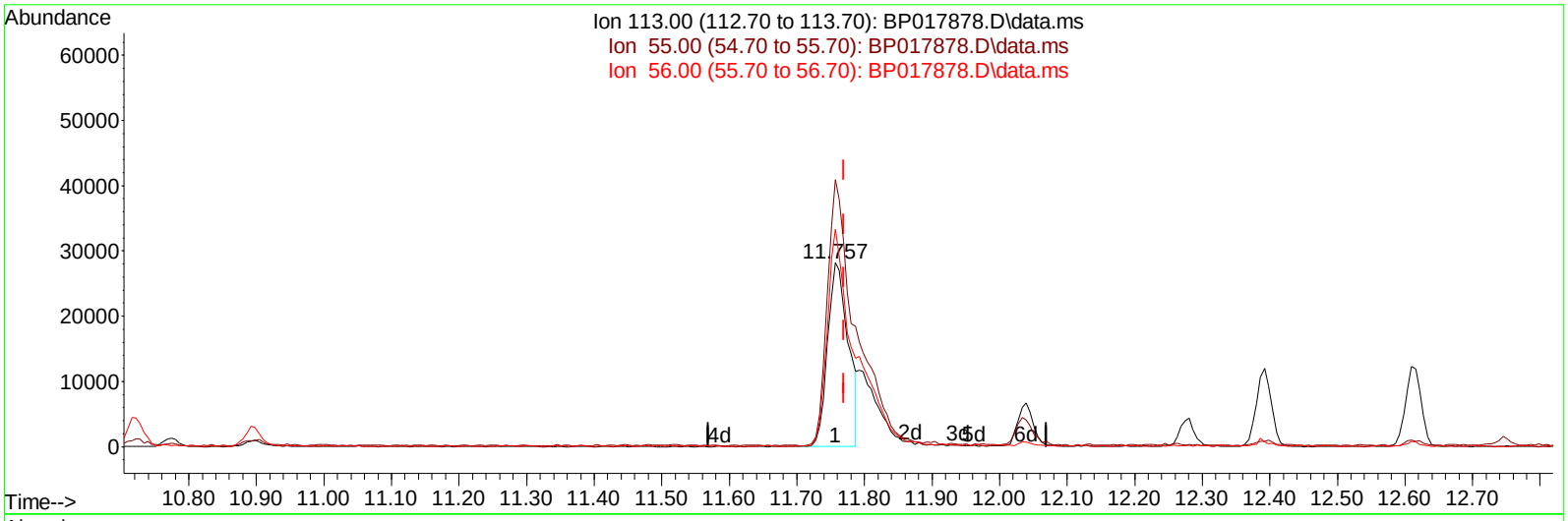

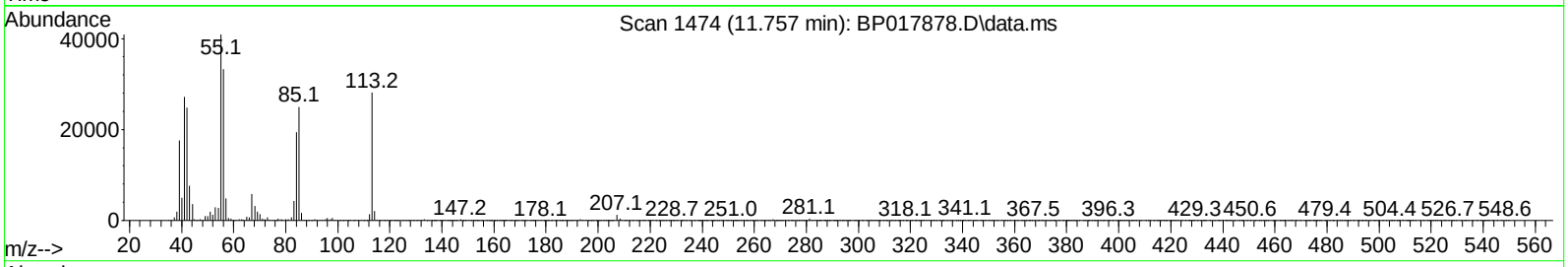

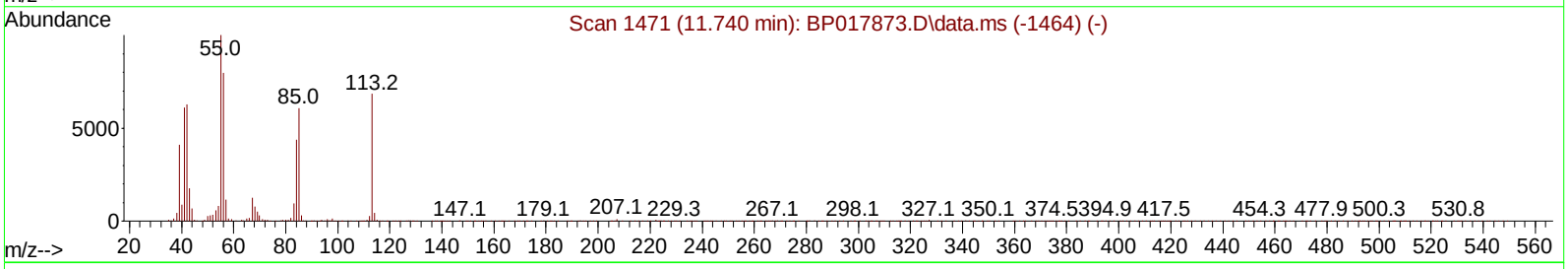

TIC: BP017878.D\data.ms

(34) Caprolactam

11.757min (-0.012) 21.67 ng/ul

response 59599

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	145.05
56.00	108.80	118.10
0.00	0.00	0.00

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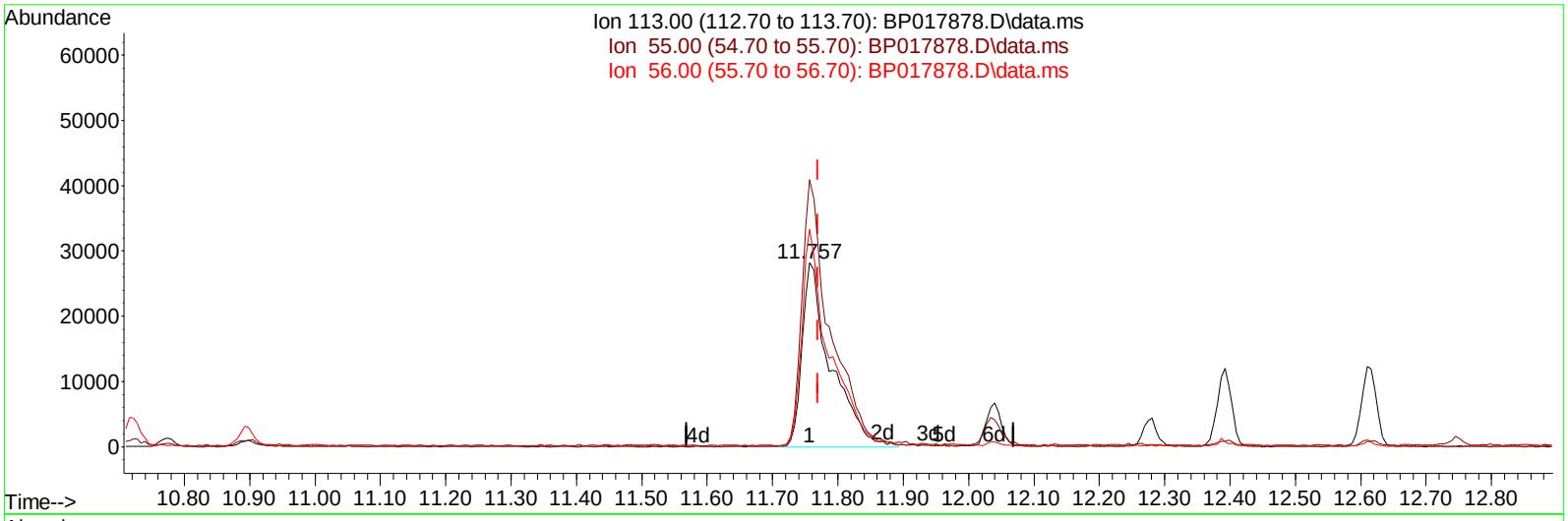

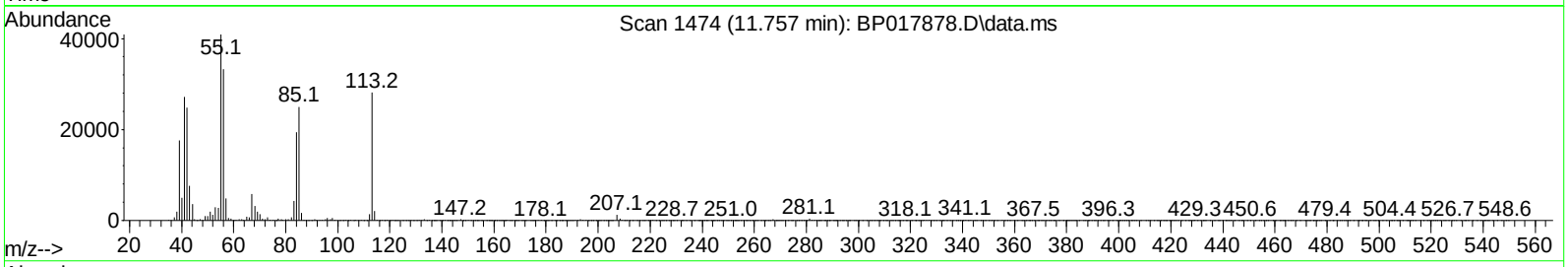

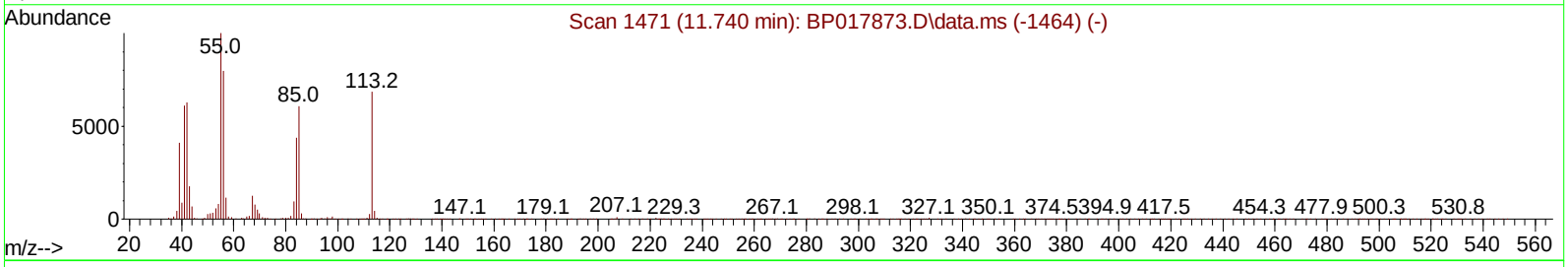

TIC: BP017878.D\data.ms

(34) Caprolactam

11.757min (-0.012) 30.97 ng/ul m

response 85183

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	145.05
56.00	108.80	118.10
0.00	0.00	0.00

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Acq On : 02 Nov 2023 10:21
Operator : MA/JU
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Quant Time: Nov 02 23:43:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	172236	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	636124	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	360460	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	715988	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	602742	20.000	ng/ul	0.01
88) Perylene-d12	24.092	264	671867	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	22603	4.882	ng/uL	0.02
4) Pyridine-d5	3.710	84	284890	23.502	ng/ul	0.02
7) Phenol-d5	7.057	99	399846	27.898	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.240	67	241222	27.252	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	333745	28.550	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	312176	27.736	ng/ul	0.00
21) Nitrobenzene-d5	9.098	128	153901	29.857	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	174451	30.631	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	315449	28.236	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	384837	26.321	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	854310	28.233	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	968181	28.690	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	117620	27.280	ng/ul	0.01
60) Fluorene-d10	15.592	176	693961	26.531	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	121997	25.868	ng/ul	0.01
73) Anthracene-d10	17.486	188	1054615	28.823	ng/ul	0.01
81) Pyrene-d10	19.739	212	1112866	29.450	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1050510	28.073	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	48411	9.858	ng/uL	97
5) Pyridine	3.728	79	275619	22.192	ng/ul	96
6) Benzaldehyde	7.057	77	207180	26.871	ng/ul	98
8) Phenol	7.081	94	398876	28.225	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.334	93	322157	27.324	ng/ul	96
12) 2-Chlorophenol	7.445	128	332658	28.333	ng/ul	99
13) 2-Methylphenol	8.345	108	295062	27.666	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.404	45	371995m	25.634	ng/ul	
16) Acetophenone	8.751	105	492559	27.836	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.716	70	227254	27.076	ng/ul	100
18) 4-Methylphenol	8.681	108	312557	27.597	ng/ul	95
19) Hexachloroethane	8.951	117	156409	28.993	ng/ul	88
22) Nitrobenzene	9.139	77	401835	31.309	ng/ul	99
23) Isophorone	9.651	82	699487	30.478	ng/ul	98
25) 2-Nitrophenol	9.845	139	181786	29.903	ng/ul#	90
26) 2,4-Dimethylphenol	9.886	107	353091	29.593	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.145	93	404228	28.477	ng/ul	98
29) 2,4-Dichlorophenol	10.369	162	303060	28.368	ng/ul	96
30) Naphthalene	10.775	128	1002048	27.372	ng/ul	99
32) 4-Chloroaniline	10.922	127	333524	23.822	ng/ul	98
33) Hexachlorobutadiene	10.992	225	230633	26.588	ng/ul	99
34) Caprolactam	11.757	113	85183m	30.967	ng/ul	
35) 4-Chloro-3-methylphenol	12.039	107	308522	30.675	ng/ul	94

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.392	142	660488	26.710	ng/ul	100
37) 1-Methylnaphthalene	12.610	142	647353	25.598	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.745	216	377182	28.278	ng/ul	99
40) Hexachlorocyclopentadiene	12.680	237	175175	22.860	ng/ul	98
41) 2,4,6-Trichlorophenol	13.010	196	238810	29.833	ng/ul	97
42) 2,4,5-Trichlorophenol	13.086	196	255173	30.833	ng/ul	98
43) 1,1'-Biphenyl	13.410	154	866408	29.175	ng/ul	100
44) 2-Chloronaphthalene	13.463	162	686729	28.606	ng/ul	98
45) 2-Nitroaniline	13.710	65	204920	37.564	ng/ul	94
47) Dimethylphthalate	14.051	163	846608	28.388	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	172275	31.384	ng/ul	98
50) Acenaphthylene	14.316	152	1093936	28.940	ng/ul	99
51) 3-Nitroaniline	14.551	138	161412	30.918	ng/ul	98
52) Acenaphthene	14.651	153	719247	28.147	ng/ul	100
53) 2,4-Dinitrophenol	14.763	184	70919	23.015	ng/ul#	81
55) 4-Nitrophenol	14.857	109	147847	32.393	ng/ul	89
56) Dibenzofuran	14.992	168	981549	27.359	ng/ul	90
57) 2,4-Dinitrotoluene	14.998	165	251713	31.070	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.216	232	202028	27.509	ng/ul	89
59) Diethylphthalate	15.416	149	853003	29.624	ng/ul	98
61) Fluorene	15.651	166	805858	27.345	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.645	204	416414	26.584	ng/ul	94
63) 4-Nitroaniline	15.733	138	158927	33.751	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.757	198	129716	25.679	ng/ul#	91
67) N-Nitrosodiphenylamine	15.874	169	662051	30.522	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	246417	29.414	ng/ul#	91
69) Hexachlorobenzene	16.633	284	268200	27.886	ng/ul	91
70) Atrazine	16.839	200	196513	24.650	ng/ul	97
71) Pentachlorophenol	17.010	266	158459	27.405	ng/ul	99
72) Phenanthrene	17.427	178	1192273	28.426	ng/ul	99
74) Anthracene	17.521	178	1237534	29.132	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	365106	30.391	ng/uL	99
76) Pentachlorobenzene	14.886	250	318694	27.372	ng/uL	98
77) Carbazole	17.815	167	1053092	29.332	ng/ul	98
78) Di-n-butylphthalate	18.321	149	1378013	33.060	ng/ul	99
80) Fluoranthene	19.409	202	1326267	30.547	ng/ul	100
82) Pyrene	19.768	202	1362292	29.616	ng/ul	99
83) Butylbenzylphthalate	20.639	149	599563	37.897	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	380293	27.926	ng/ul	98
85) Benzo(a)anthracene	21.509	228	1343909	29.329	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	857818	38.842	ng/ul	99
87) Chrysene	21.568	228	1225648	28.285	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	1485873	34.914	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1319049	28.847	ng/ul#	98
91) Benzo(k)fluoranthene	23.345	252	1269879	27.402	ng/ul#	98
93) Benzo(a)pyrene	23.974	252	1217002	28.351	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.815	276	1465151	28.638	ng/ul	99
95) Dibenzo(a,h)anthracene	26.844	278	1225064	28.698	ng/ul	99
96) Benzo(g,h,i)perylene	27.668	276	1157807	28.088	ng/ul	97

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

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