Quantitation Report (Qedit)

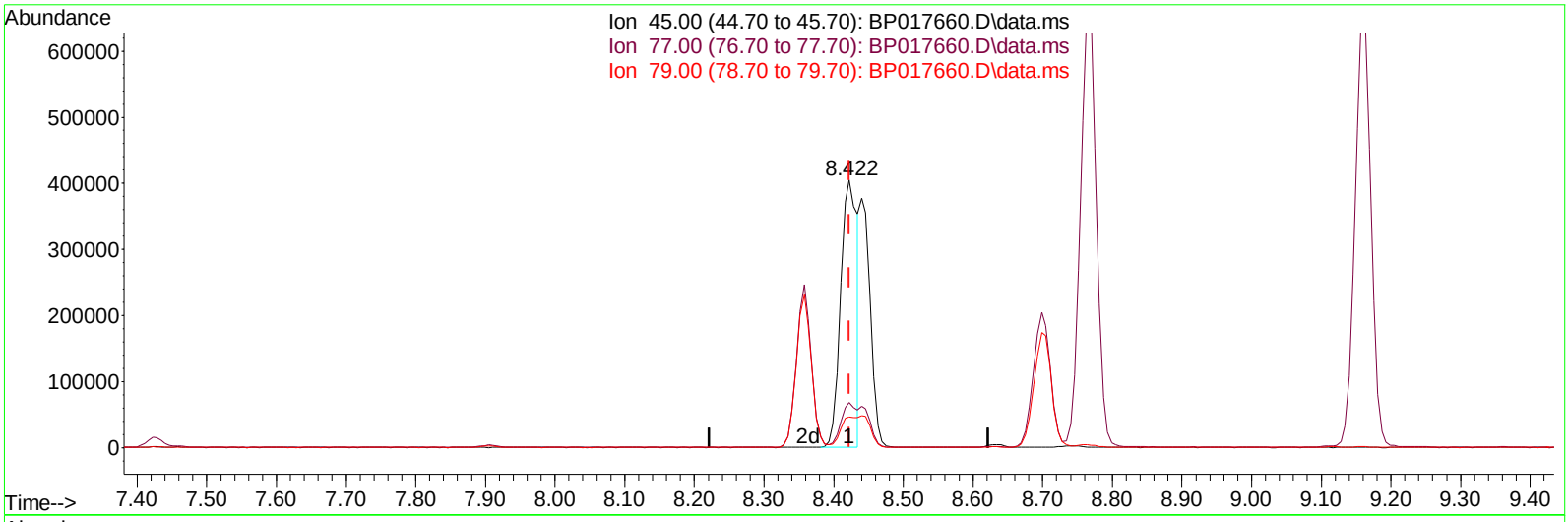
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101223\
Data File : BP017660.D
Acq On : 12 Oct 2023 14:03
Operator : MA/JU
Sample : SSTD08032
Misc :
ALS Vial : 7 Sample Multiplier: 1

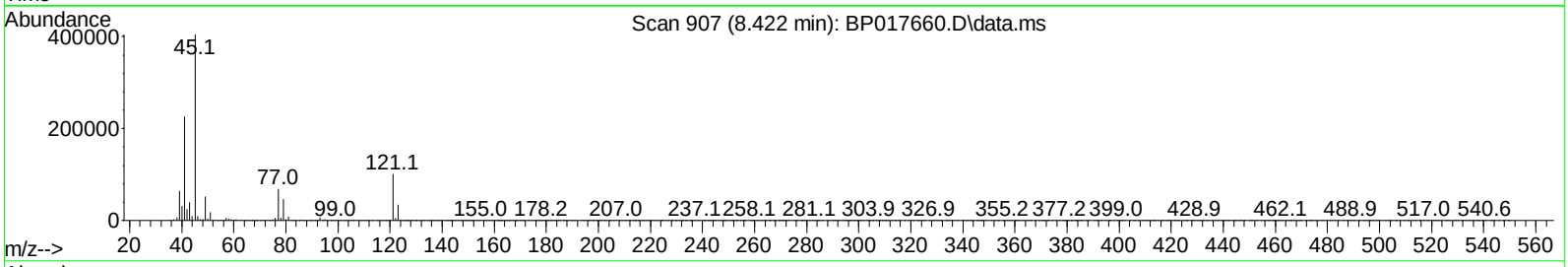
Quant Time: Oct 12 15:46:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:43:48 2023
Response via : Initial Calibration

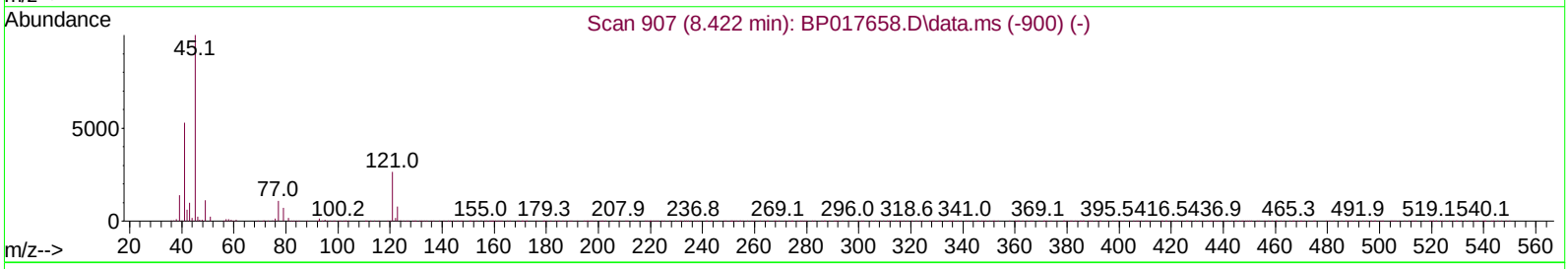
Instrument :
BNA_P
ClientSampleId :
SSTD080642

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023







TIC: BP017660.D\data.ms

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

8.422min (+ 0.000) 52.55 ng/ul

response 670940

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.30	16.83
79.00	11.90	11.48
0.00	0.00	0.00

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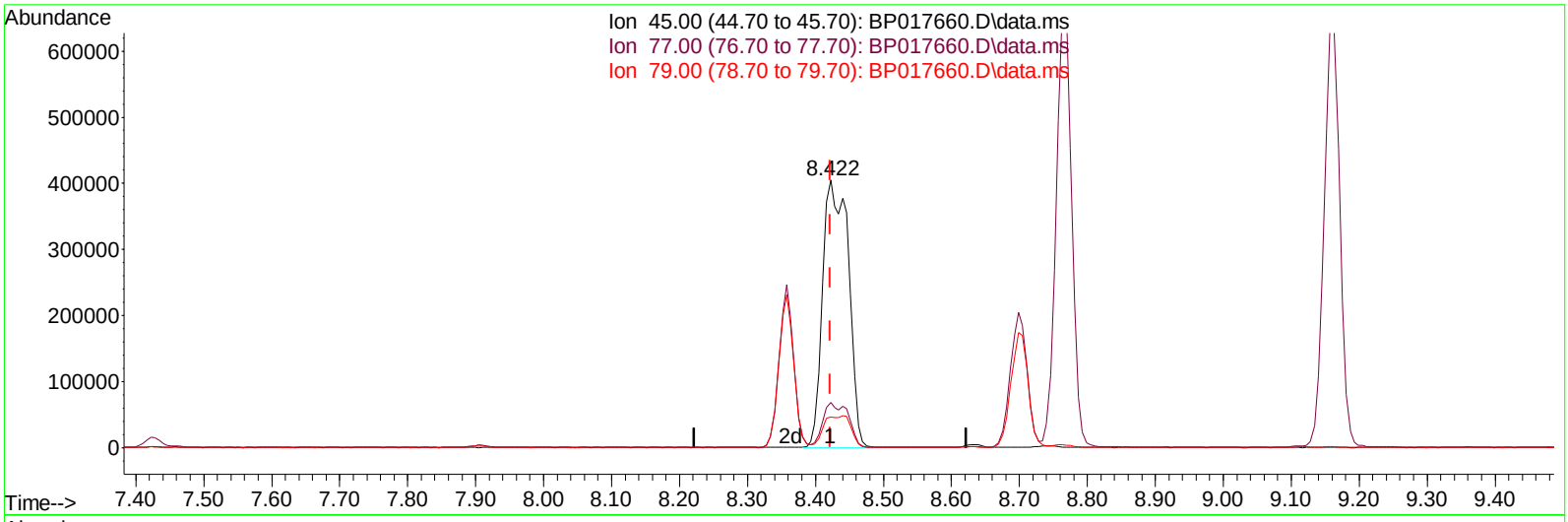

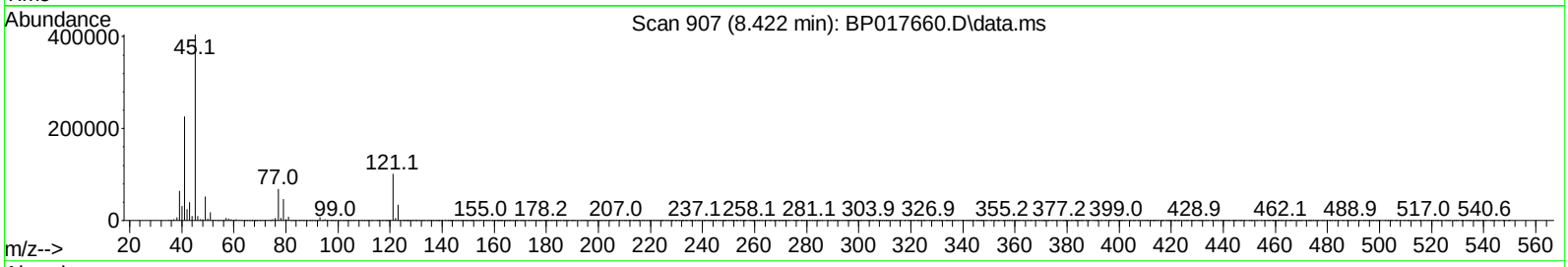

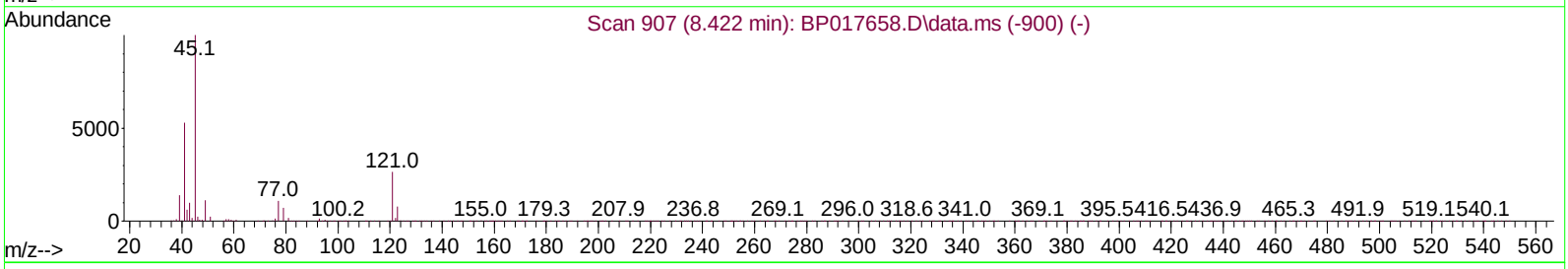

TIC: BP017660.D\data.ms

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

8.422min (+ 0.000) 83.61 ng/ul m

response 1067449

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.30	16.83
79.00	11.90	11.48
0.00	0.00	0.00

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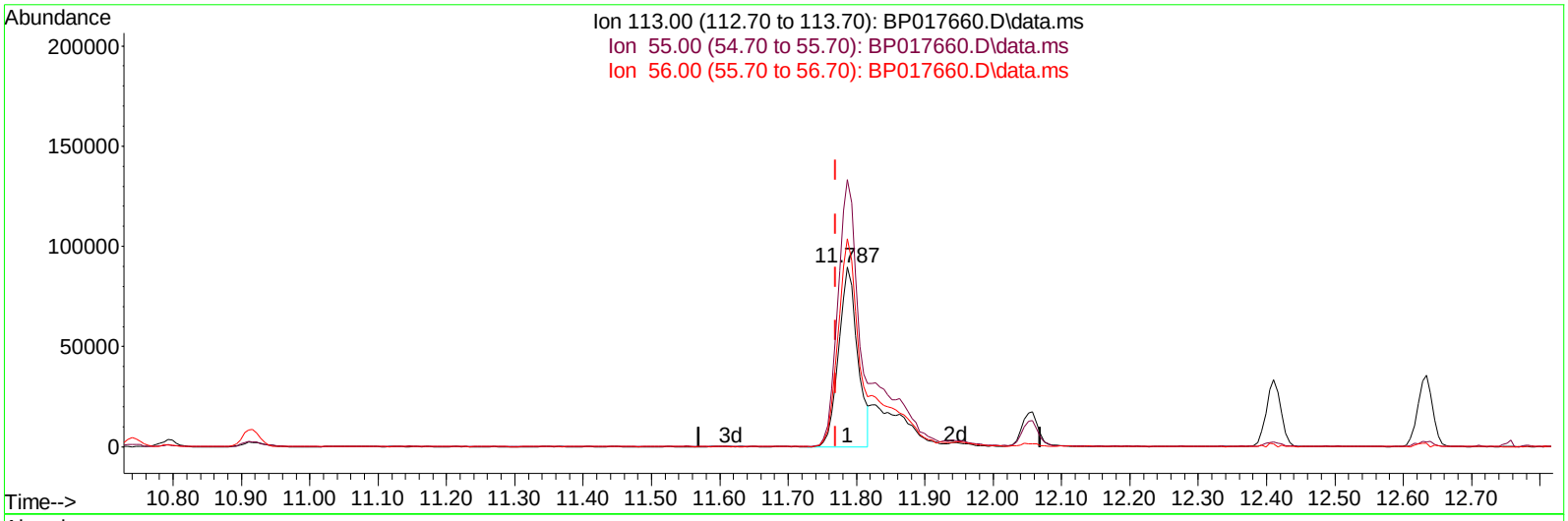

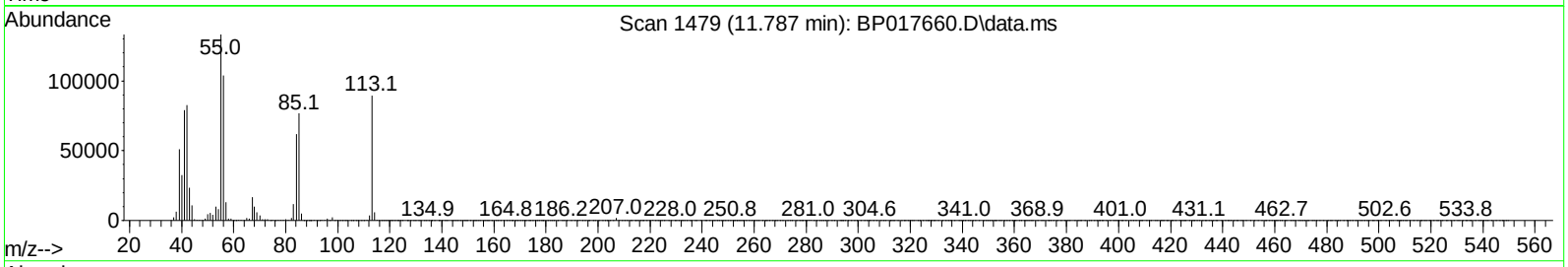

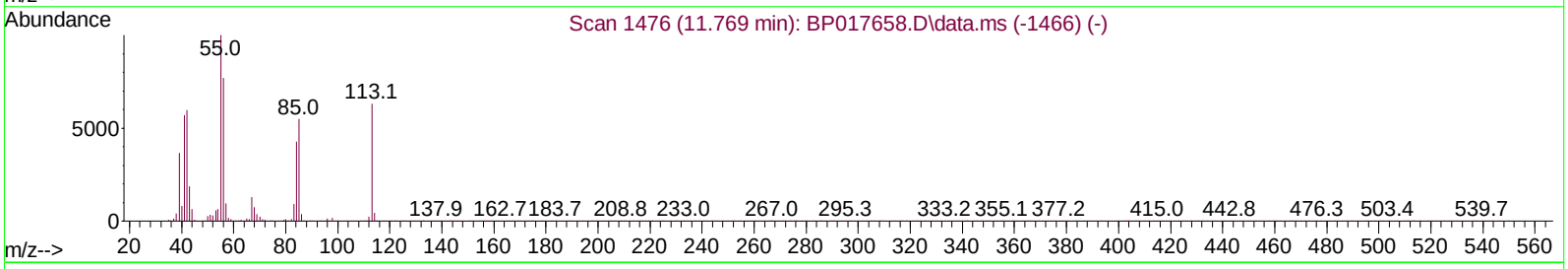

TIC: BP017660.D\data.ms

(34) Caprolactam

11.787min (+ 0.018) 61.81 ng/ul

response 173718

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	158.60	148.78
56.00	122.40	116.03
0.00	0.00	0.00

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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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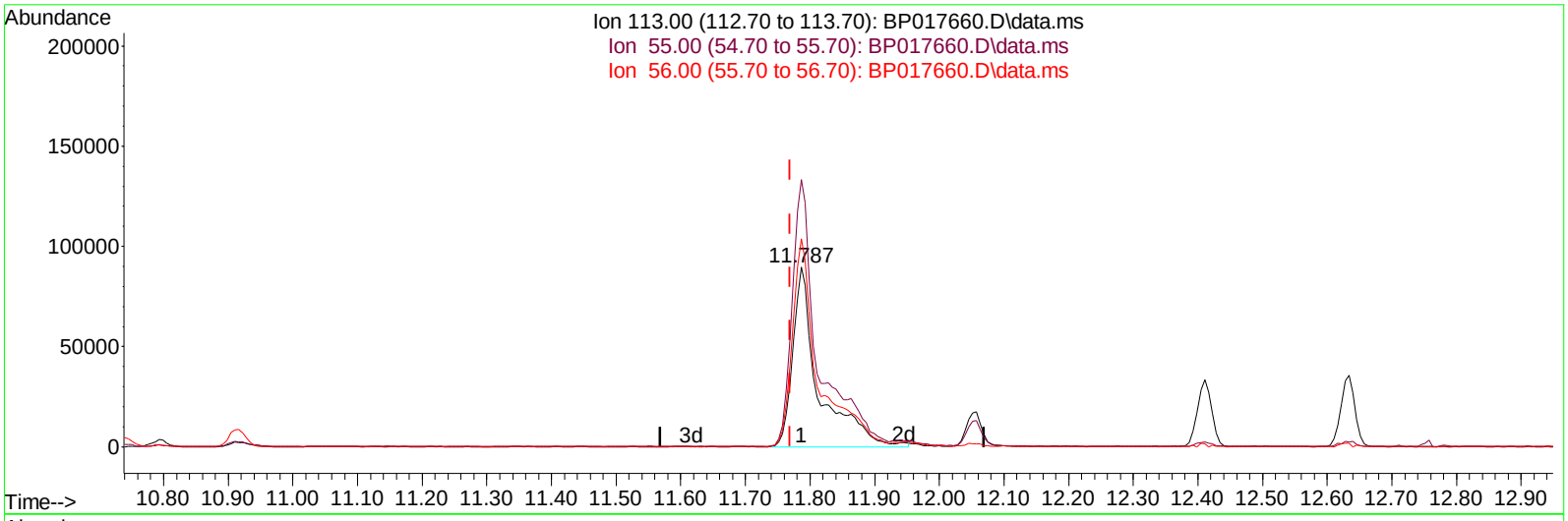

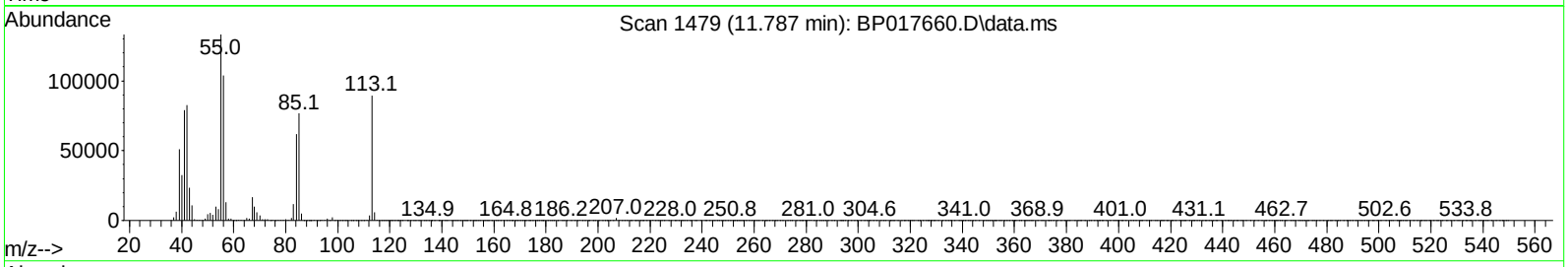

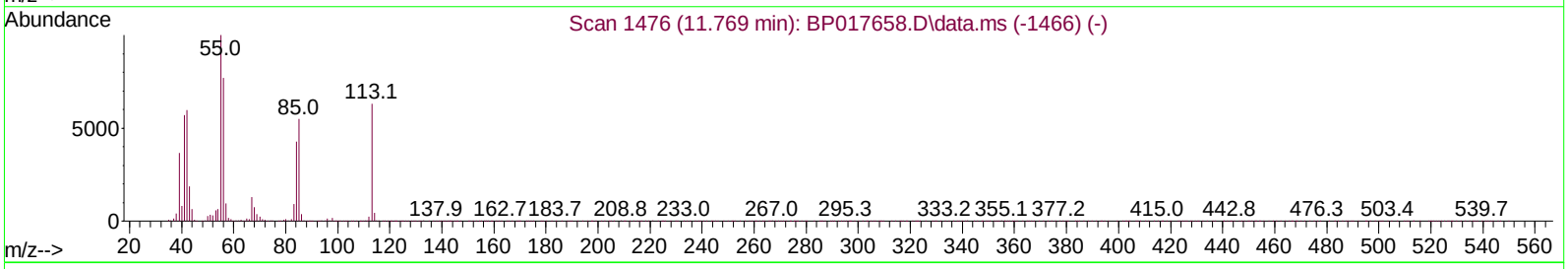

TIC: BP017660.D\data.ms

(34) Caprolactam

11.787min (+ 0.018) 88.71 ng/ul m

response 249313

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	158.60	148.78
56.00	122.40	116.03
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/13/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	142675	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	583298	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	372580	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	855852	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	891947	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	980825	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	121618	34.770	ng/uL	0.00
4) Pyridine-d5	3.693	84	852647	86.701	ng/ul	0.00
7) Phenol-d5	7.064	99	1072126	89.314	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	637838	85.617	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	856501	90.844	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	857592	88.418	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	418541	93.497	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	493753	99.390	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	890911	93.009	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	1199188	88.267	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	2668351	90.885	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	2963490	92.657	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	467613	101.018	ng/ul	0.00
60) Fluorene-d10	15.616	176	2248021	87.738	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	526860	100.227	ng/ul	0.00
73) Anthracene-d10	17.504	188	3616078	88.737	ng/ul	0.00
81) Pyrene-d10	19.757	212	4437850	88.407	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	4627380	91.775	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	130797	35.251	ng/uL	96
5) Pyridine	3.717	79	872777	86.157	ng/ul	96
6) Benzaldehyde	7.064	77	460727	76.593	ng/ul	99
8) Phenol	7.093	94	1048726	86.138	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.346	93	837524	85.875	ng/ul	99
12) 2-Chlorophenol	7.458	128	844377	87.717	ng/ul	99
13) 2-Methylphenol	8.358	108	794109	87.643	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.422	45	1067449m	83.609	ng/ul	
16) Acetophenone	8.769	105	1304727	85.435	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.740	70	686777	88.889	ng/ul	99
18) 4-Methylphenol	8.699	108	852455	86.215	ng/ul	98
19) Hexachloroethane	8.969	117	373749	88.622	ng/ul	96
22) Nitrobenzene	9.158	77	1052185	89.705	ng/ul	99
23) Isophorone	9.675	82	1926180	92.605	ng/ul	100
25) 2-Nitrophenol	9.863	139	503342	94.330	ng/ul	99
26) 2,4-Dimethylphenol	9.905	107	959010	88.556	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.163	93	1120489	87.514	ng/ul	99
29) 2,4-Dichlorophenol	10.387	162	842821	89.830	ng/ul	97
30) Naphthalene	10.793	128	2714004	84.893	ng/ul	100
32) 4-Chloroaniline	10.940	127	1151507	87.689	ng/ul	97
33) Hexachlorobutadiene	11.016	225	607687	85.476	ng/ul	99
34) Caprolactam	11.787	113	249313m	88.713	ng/ul	
35) 4-Chloro-3-methylphenol	12.052	107	894866	90.545	ng/ul	100

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Instrument :
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SSTD080642

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	1891339	86.006	ng/ul	97
37) 1-Methylnaphthalene	12.634	142	1912706	85.079	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.763	216	1125212	89.174	ng/ul	97
40) Hexachlorocyclopentadiene	12.704	237	575500	91.655	ng/ul	99
41) 2,4,6-Trichlorophenol	13.028	196	736611	94.416	ng/ul	99
42) 2,4,5-Trichlorophenol	13.099	196	769814	93.431	ng/ul	98
43) 1,1'-Biphenyl	13.434	154	2501391	86.914	ng/ul	99
44) 2-Chloronaphthalene	13.481	162	2009250	86.990	ng/ul	99
45) 2-Nitroaniline	13.728	65	622080	101.223	ng/ul	98
47) Dimethylphthalate	14.075	163	2594392	87.934	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	549637	100.867	ng/ul	99
50) Acenaphthylene	14.334	152	3280826	89.565	ng/ul	100
51) 3-Nitroaniline	14.569	138	477465	92.810	ng/ul	93
52) Acenaphthene	14.675	153	2145415	86.842	ng/ul	99
53) 2,4-Dinitrophenol	14.775	184	341345	94.966	ng/ul	93
55) 4-Nitrophenol	14.869	109	431192	102.954	ng/ul	96
56) Dibenzofuran	15.010	168	3023470	85.374	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	810032	98.626	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.234	232	701845	93.401	ng/ul	97
59) Diethylphthalate	15.440	149	2622572	88.845	ng/ul	100
61) Fluorene	15.669	166	2524995	86.502	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.663	204	1328516	85.665	ng/ul	99
63) 4-Nitroaniline	15.751	138	456577	93.135	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.775	198	539344	97.235	ng/ul	96
67) N-Nitrosodiphenylamine	15.893	169	2097015	87.686	ng/ul	100
68) 4-Bromophenyl-phenylether	16.575	248	860737	89.719	ng/ul	94
69) Hexachlorobenzene	16.651	284	1006104	87.985	ng/ul	97
70) Atrazine	16.863	200	811963	87.356	ng/ul	99
71) Pentachlorophenol	17.022	266	640048	94.517	ng/ul	98
72) Phenanthrene	17.445	178	4064938	86.266	ng/ul	99
74) Anthracene	17.539	178	4152703	87.032	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	1123870	88.856	ng/uL	97
76) Pentachlorobenzene	14.904	250	1132047	87.695	ng/uL	99
77) Carbazole	17.834	167	3720546	88.075	ng/ul	99
78) Di-n-butylphthalate	18.339	149	4707474	95.256	ng/ul	100
80) Fluoranthene	19.428	202	5130276	88.256	ng/ul	99
82) Pyrene	19.792	202	5270091	86.013	ng/ul	99
83) Butylbenzylphthalate	20.657	149	2220945	100.347	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.469	252	1851016	95.540	ng/ul	99
85) Benzo(a)anthracene	21.528	228	5587848	87.646	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	3281146	104.047	ng/ul	99
87) Chrysene	21.586	228	5129810	86.323	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	5565177	94.877	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	5604992	89.591	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	5496205	87.472	ng/ul	100
93) Benzo(a)pyrene	24.004	252	5229862	89.892	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.857	276	6441267	92.098	ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	5381373	93.256	ng/ul	99
96) Benzo(g,h,i)perylene	27.710	276	5047924	88.791	ng/ul	99

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

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