Quantitation Report (Qedit)

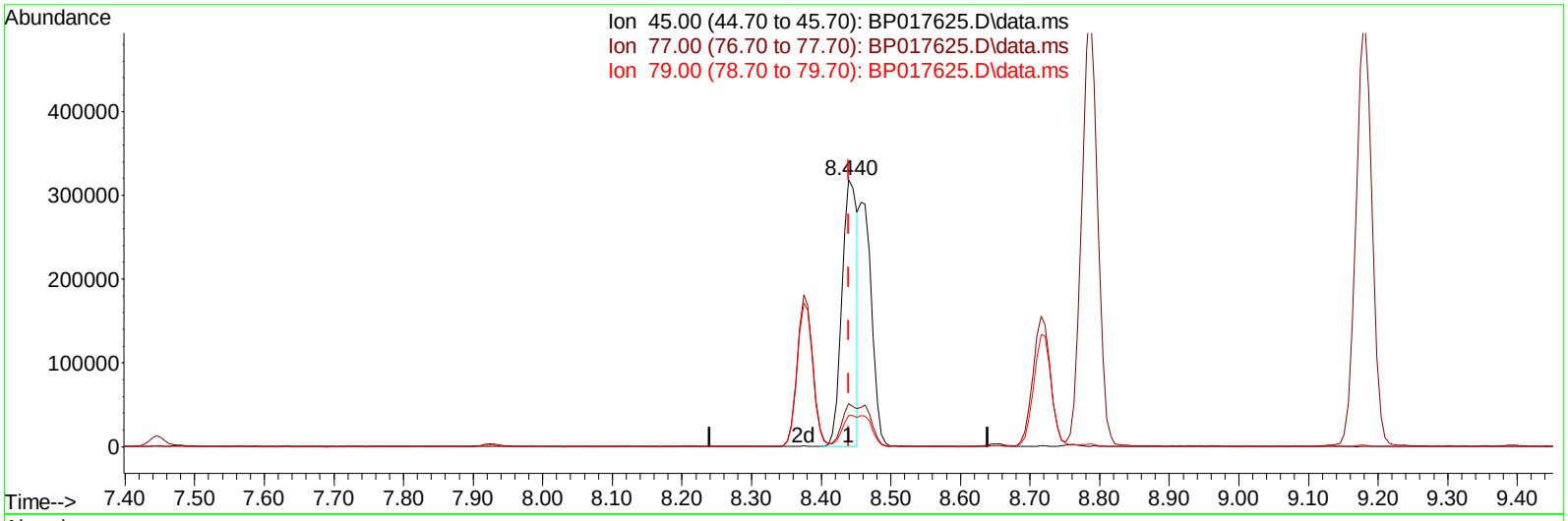
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100923\
Data File : BP017625.D
Acq On : 09 Oct 2023 20:12
Operator : MA/JU
Sample : SSTD08070
Misc :
ALS Vial : 8 Sample Multiplier: 1

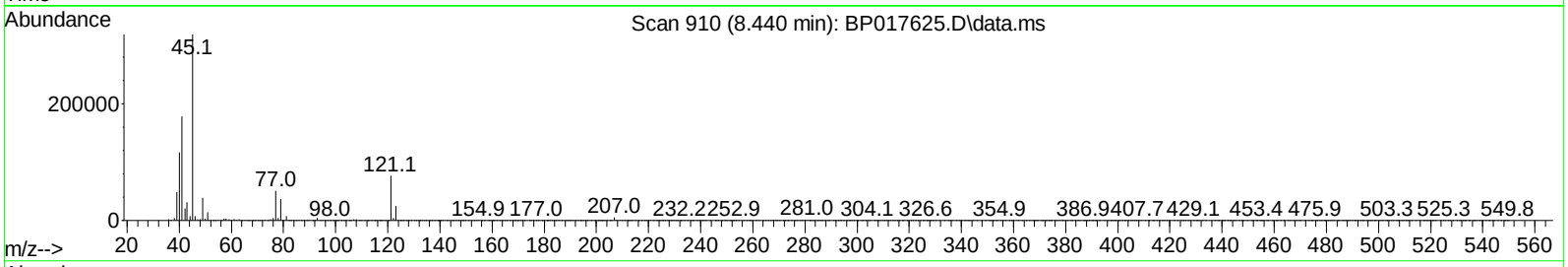
Quant Time: Oct 10 04:16:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 03:51:30 2023
Response via : Initial Calibration

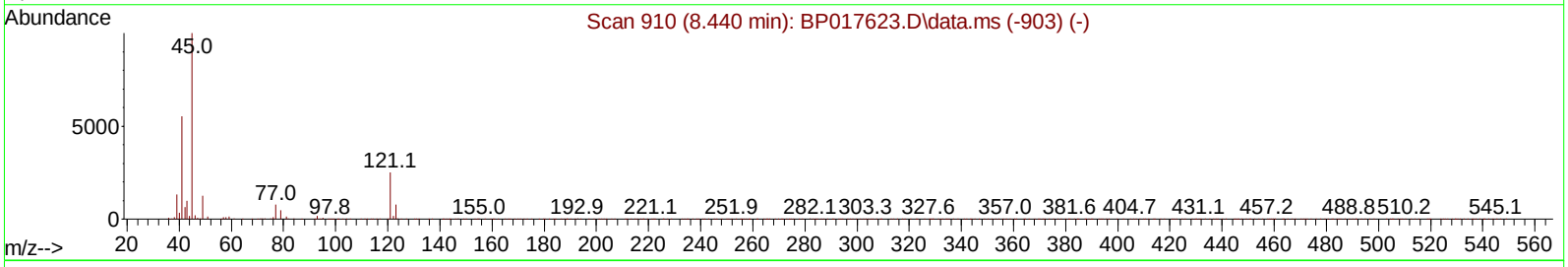
Instrument :
BNA_P
ClientSampleId :
SSTD080635

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :mohammad ahmed 10/11/2023







TIC: BP017625.D\data.ms

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

8.440min (-0.000) 44.04 ng/ul

response 486467

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.80	16.09
79.00	13.00	11.69
0.00	0.00	0.00

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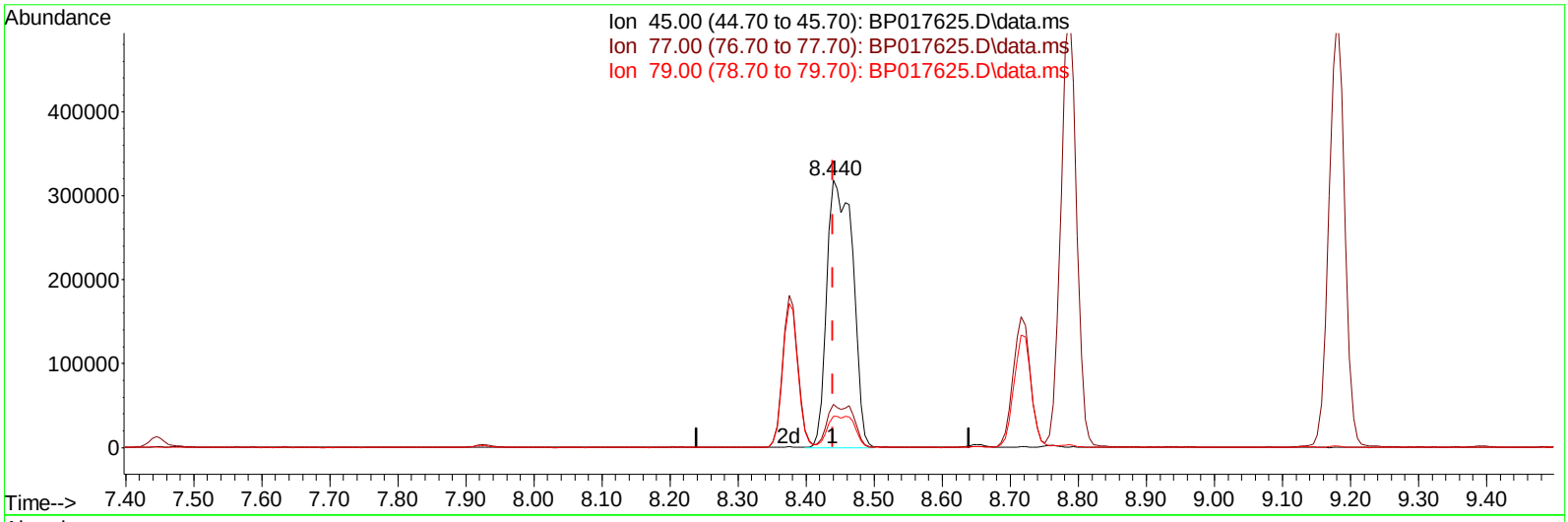

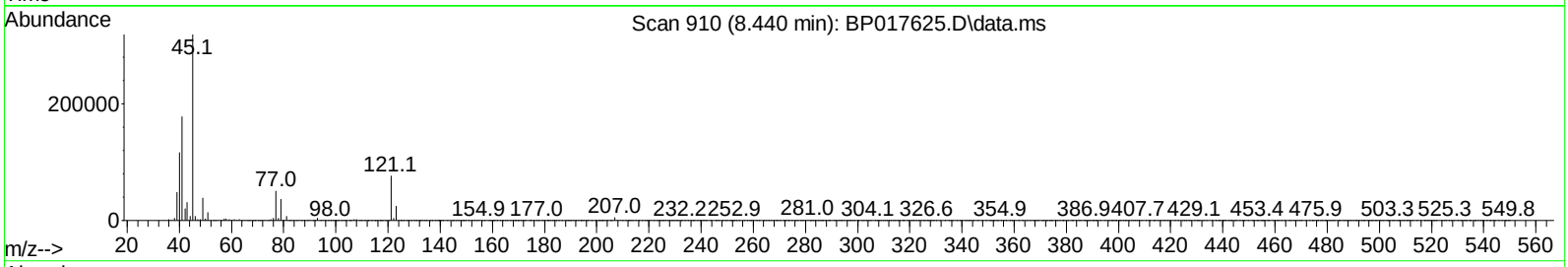

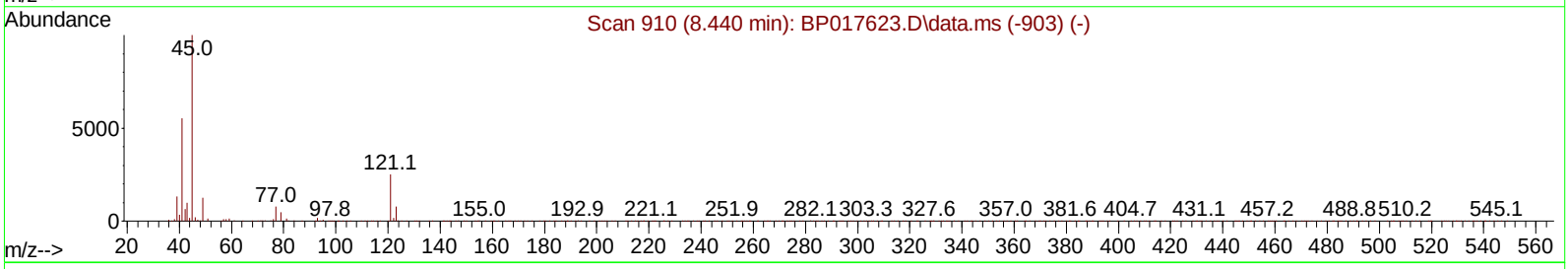

TIC: BP017625.D\data.ms

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

8.440min (-0.000) 76.54 ng/ul m

response 845426

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.80	16.09
79.00	13.00	11.69
0.00	0.00	0.00

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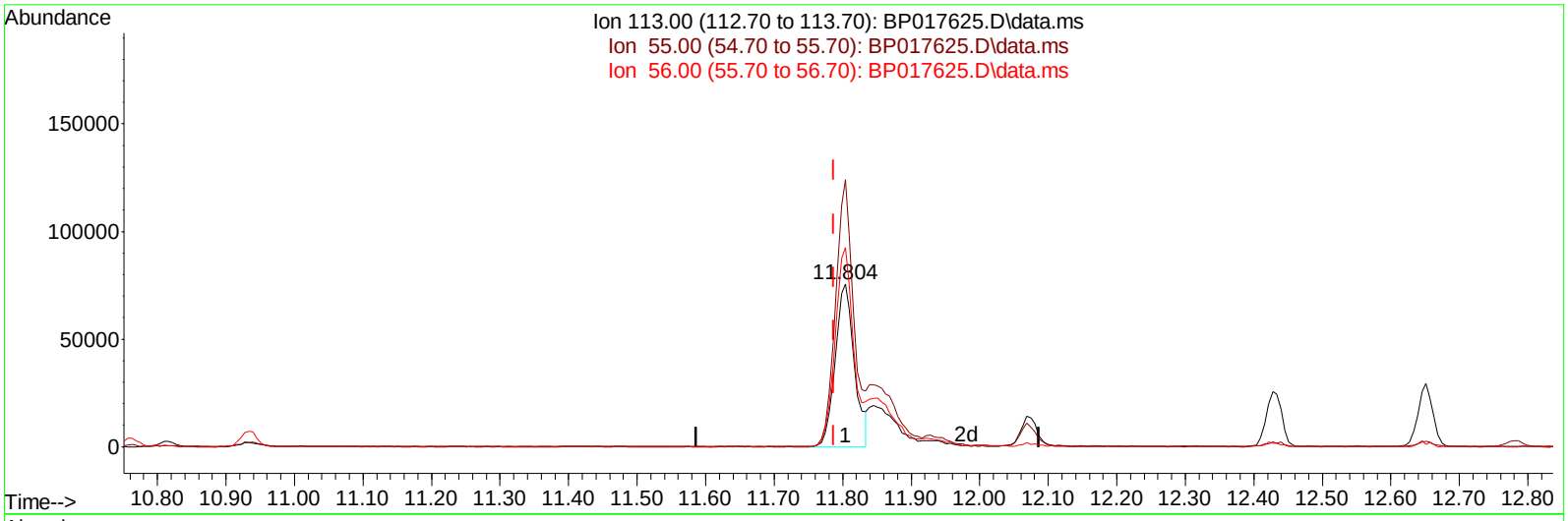

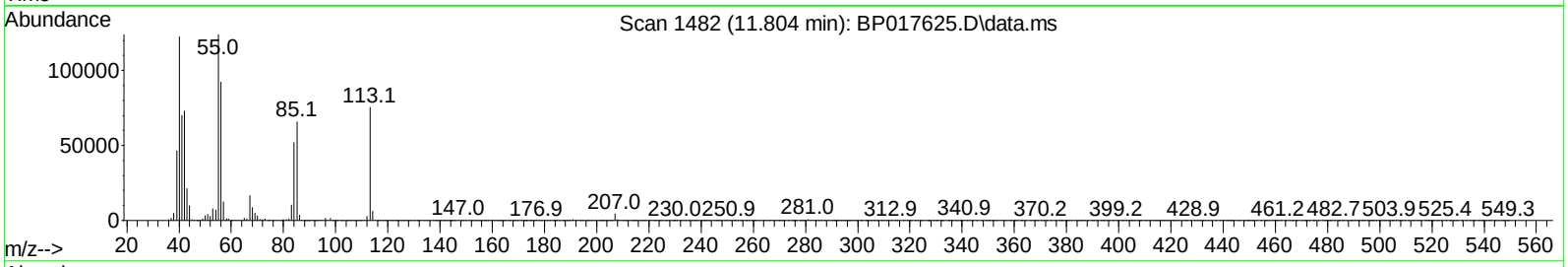

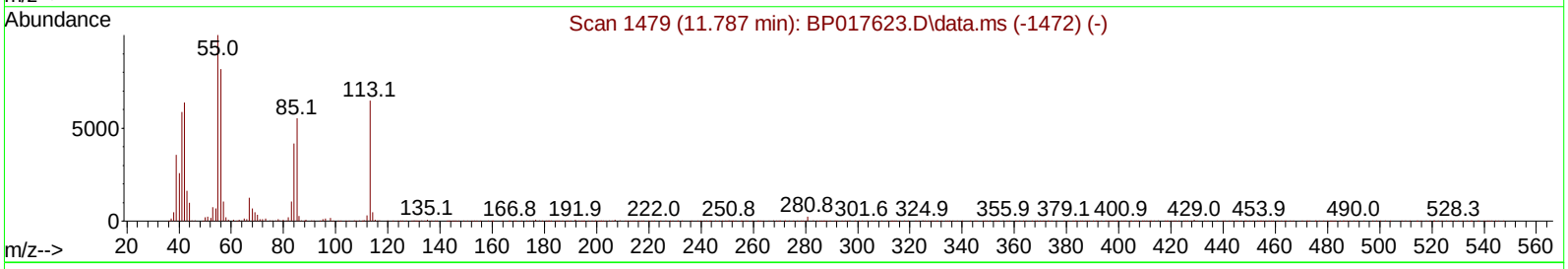

TIC: BP017625.D\data.ms

(34) Caprolactam

11.804min (+ 0.017) 59.61 ng/ul

response 146677

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.20	164.17
56.00	126.50	122.41
0.00	0.00	0.00

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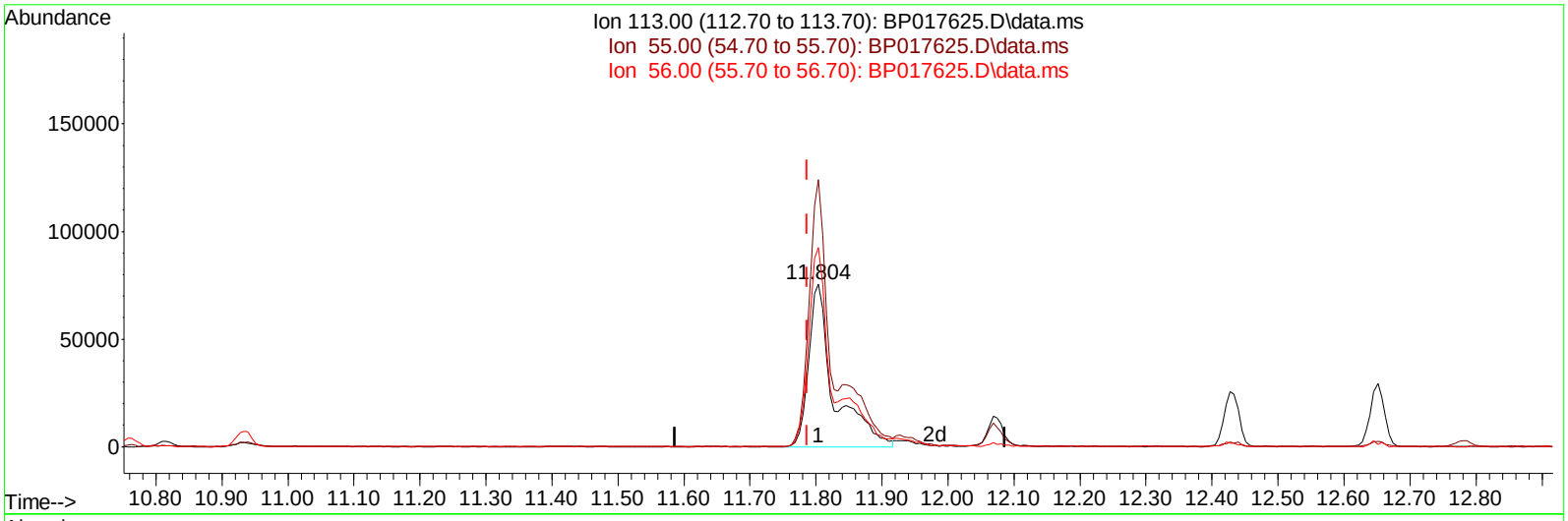

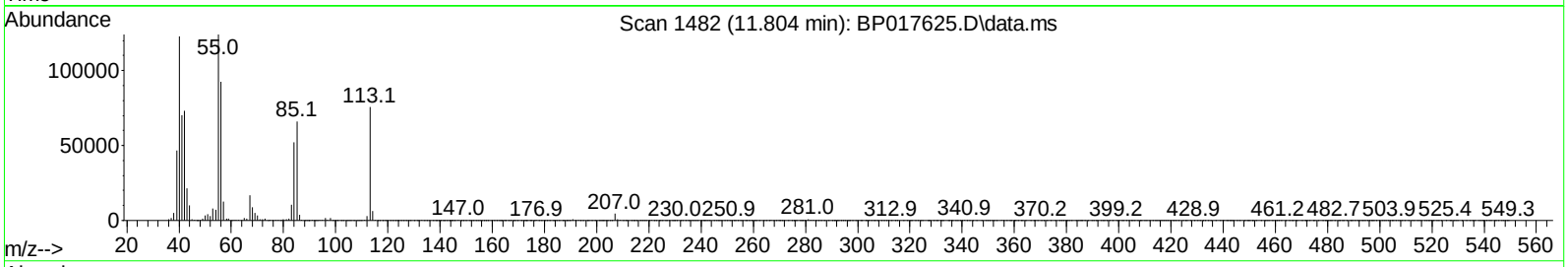

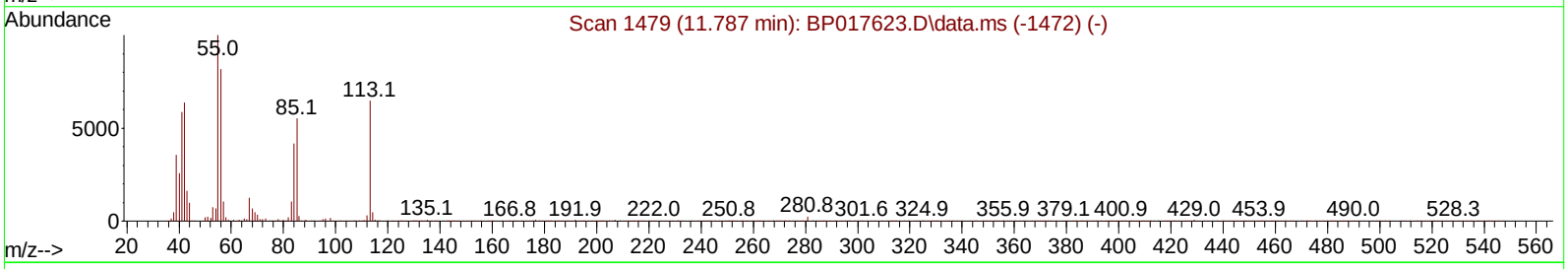

TIC: BP017625.D\data.ms

(34) Caprolactam

11.804min (+ 0.017) 81.36 ng/ul m

response 200202

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.20	164.17
56.00	126.50	122.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 09 Oct 2023 20:12
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Misc :
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Quant Time: Oct 10 04:28:01 2023
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	123501	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	518570	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	338311	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.416	188	773025	20.000	ng/ul	0.00
79) Chrysene-d12	21.556	240	771214	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	821867	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	92041	29.803	ng/uL	0.00
4) Pyridine-d5	3.716	84	654366	80.899	ng/ul	0.00
7) Phenol-d5	7.081	99	815382	78.810	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	492579	77.821	ng/ul	0.00
11) 2-Chlorophenol-d4	7.445	132	652592	79.717	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	664469	80.397	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	324609	81.804	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	376322	84.869	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	694261	83.240	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	940123	79.217	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	2071285	78.400	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	2352776	80.784	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	348630	79.371	ng/ul	0.00
60) Fluorene-d10	15.627	176	1780957	78.940	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	385820	82.863	ng/ul	0.00
73) Anthracene-d10	17.516	188	2872545	79.988	ng/ul	0.00
81) Pyrene-d10	19.768	212	3452854	80.459	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	3468267	83.359	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	92948	29.256	ng/uL	99
5) Pyridine	3.734	79	670835	79.152	ng/ul	98
6) Benzaldehyde	7.087	77	372838	71.561	ng/ul	98
8) Phenol	7.110	94	813058	78.367	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.363	93	642456	76.488	ng/ul	99
12) 2-Chlorophenol	7.481	128	648688	78.113	ng/ul	100
13) 2-Methylphenol	8.375	108	617675	79.745	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	845426m	76.539	ng/ul	
16) Acetophenone	8.787	105	1014307	77.932	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.757	70	539844	80.702	ng/ul	99
18) 4-Methylphenol	8.716	108	667477	79.406	ng/ul	97
19) Hexachloroethane	8.987	117	280019	75.610	ng/ul	96
22) Nitrobenzene	9.181	77	818625	79.723	ng/ul	97
23) Isophorone	9.698	82	1495947	80.309	ng/ul	99
25) 2-Nitrophenol	9.886	139	391664	82.356	ng/ul	94
26) 2,4-Dimethylphenol	9.928	107	747387	78.853	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.186	93	891767	78.002	ng/ul	98
29) 2,4-Dichlorophenol	10.404	162	667108	82.049	ng/ul	99
30) Naphthalene	10.816	128	2140237	76.889	ng/ul	99
32) 4-Chloroaniline	10.957	127	917686	80.982	ng/ul	98
33) Hexachlorobutadiene	11.039	225	475508	79.202	ng/ul	98
34) Caprolactam	11.804	113	200202m	81.363	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	719257	83.835	ng/ul	97

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Instrument :
BNA_P
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SSTD080635

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :mohammad ahmed 10/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.433	142	1500547	79.287	ng/ul	99
37) 1-Methylnaphthalene	12.651	142	1542726	79.051	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.780	216	885300	79.147	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	492061	80.569	ng/ul	98
41) 2,4,6-Trichlorophenol	13.045	196	581203	82.125	ng/ul	97
42) 2,4,5-Trichlorophenol	13.116	196	624100	83.869	ng/ul	98
43) 1,1'-Biphenyl	13.451	154	2004701	77.177	ng/ul	100
44) 2-Chloronaphthalene	13.498	162	1612978	77.799	ng/ul	99
45) 2-Nitroaniline	13.745	65	490458	86.463	ng/ul	98
47) Dimethylphthalate	14.086	163	2081184	78.489	ng/ul	99
48) 2,6-Dinitrotoluene	14.239	165	429255	87.704	ng/ul	95
50) Acenaphthylene	14.351	152	2633214	78.295	ng/ul	100
51) 3-Nitroaniline	14.580	138	370179	79.834	ng/ul	93
52) Acenaphthene	14.686	153	1728896	77.610	ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	230978	84.085	ng/ul	91
55) 4-Nitrophenol	14.880	109	313804	79.214	ng/ul	94
56) Dibenzofuran	15.027	168	2438705	77.489	ng/ul	98
57) 2,4-Dinitrotoluene	15.027	165	632551	85.996	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.251	232	559337	84.912	ng/ul	98
59) Diethylphthalate	15.451	149	2091398	78.581	ng/ul	99
61) Fluorene	15.686	166	2021661	77.995	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.674	204	1063961	79.109	ng/ul	99
63) 4-Nitroaniline	15.763	138	342108	78.845	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.786	198	404923	81.028	ng/ul#	95
67) N-Nitrosodiphenylamine	15.910	169	1682113	77.889	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	685771	82.412	ng/ul	98
69) Hexachlorobenzene	16.669	284	798364	81.546	ng/ul	95
70) Atrazine	16.874	200	660389	79.039	ng/ul	99
71) Pentachlorophenol	17.039	266	497125	85.550	ng/ul	95
72) Phenanthrene	17.457	178	3270100	78.125	ng/ul	99
74) Anthracene	17.551	178	3331389	78.373	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	907388	78.910	ng/uL	99
76) Pentachlorobenzene	14.916	250	915378	79.605	ng/uL	98
77) Carbazole	17.845	167	2910891	76.458	ng/ul	99
78) Di-n-butylphthalate	18.357	149	3626428	80.048	ng/ul	99
80) Fluoranthene	19.439	202	4019757	80.595	ng/ul	99
82) Pyrene	19.804	202	4135752	78.647	ng/ul	98
83) Butylbenzylphthalate	20.668	149	1663362	82.619	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	1304522	76.975	ng/ul	99
85) Benzo(a)anthracene	21.539	228	4298195	79.240	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.415	149	2391647	82.904	ng/ul	99
87) Chrysene	21.592	228	3960464	78.401	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	4080311	80.625	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	4292313	83.040	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	4173672	80.389	ng/ul	100
93) Benzo(a)pyrene	24.015	252	3962698	81.859	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.868	276	4780489	81.298	ng/ul	98
95) Dibenzo(a,h)anthracene	26.897	278	3967781	80.668	ng/ul	98
96) Benzo(g,h,i)perylene	27.721	276	3806370	80.544	ng/ul	98

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

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