Quantitation Report (Qedit)

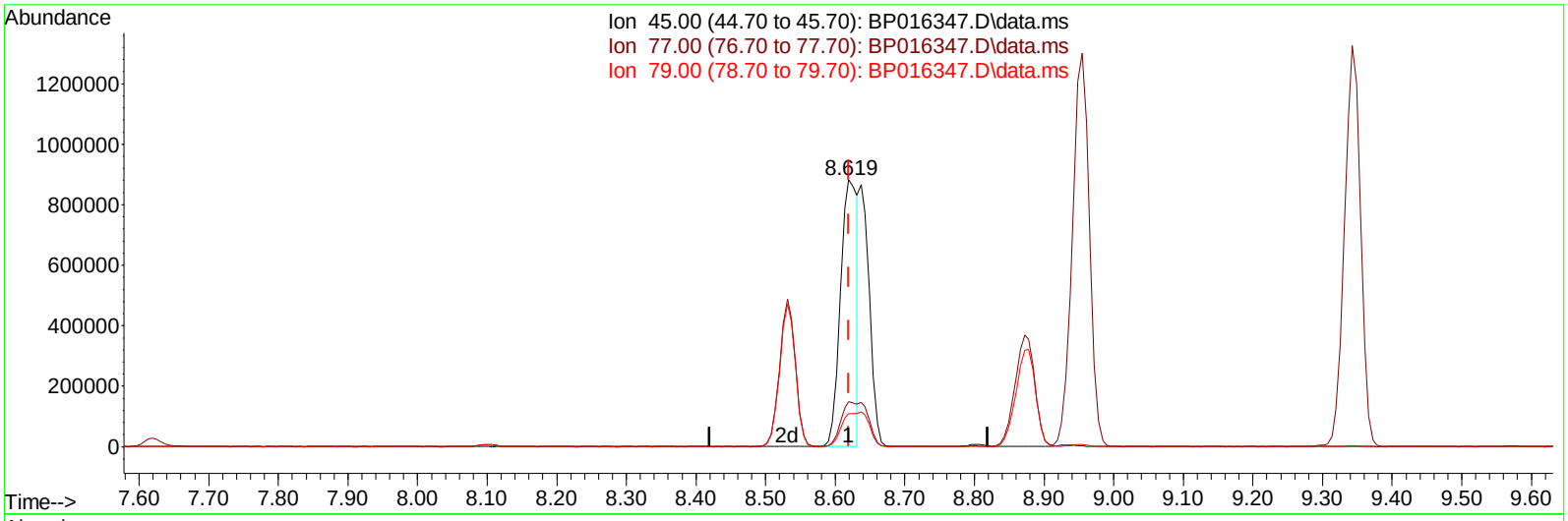
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
Data File : BP016347.D
Acq On : 25 Jul 2023 14:08
Operator : MA/JU
Sample : SSTD08006
Misc :
ALS Vial : 8 Sample Multiplier: 1

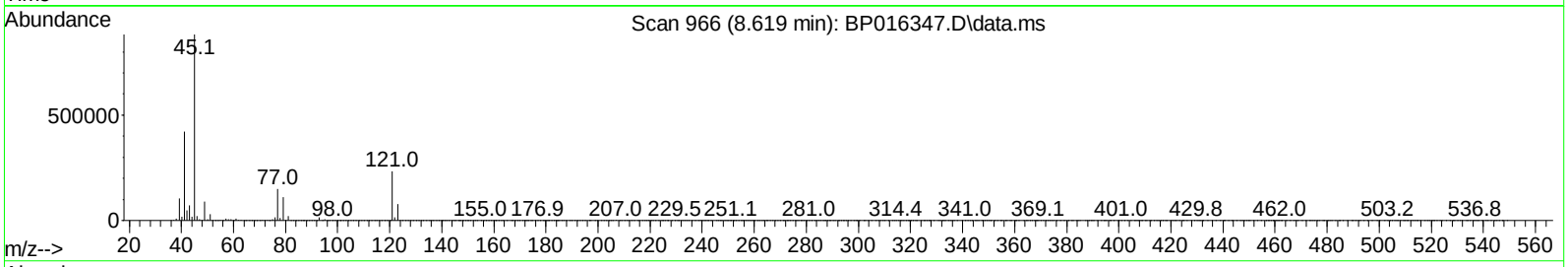
Quant Time: Jul 25 23:29:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 16:07:21 2023
Response via : Initial Calibration

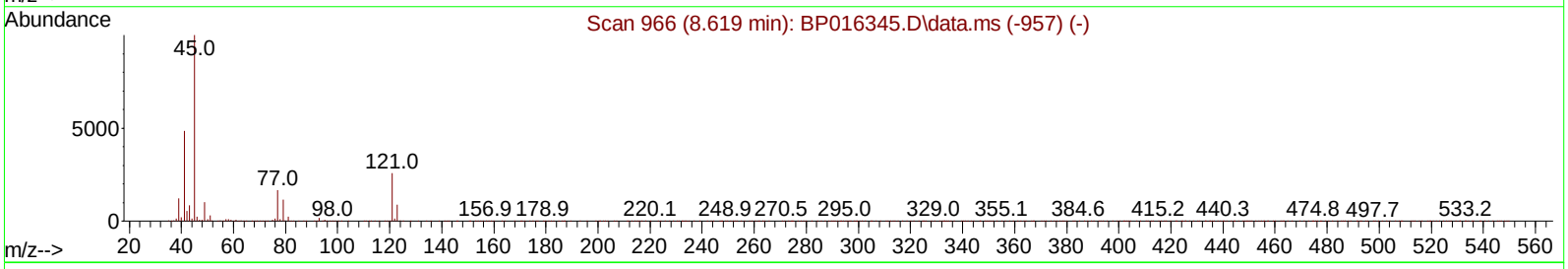
Instrument :
BNA_P
ClientSampleId :
SSTD080608

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023







TIC: BP016347.D\data.ms

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

8.619min (-0.000) 50.71 ng/ul

response 1485430

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.10	16.80
79.00	12.00	12.48
0.00	0.00	0.00

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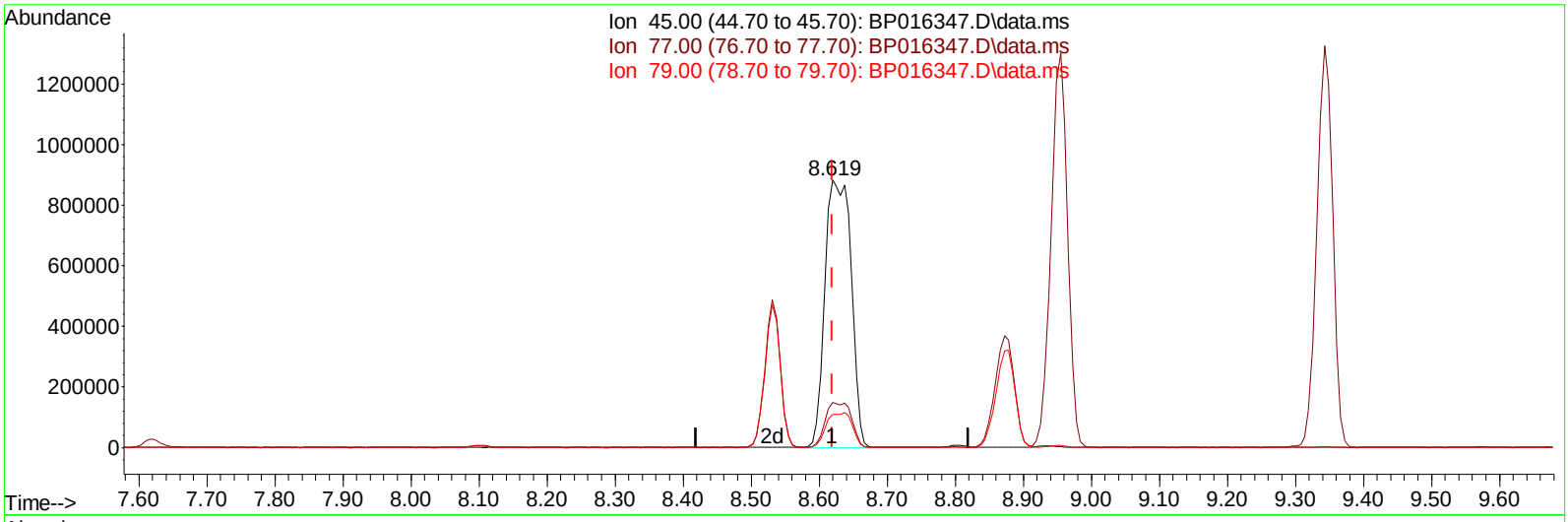

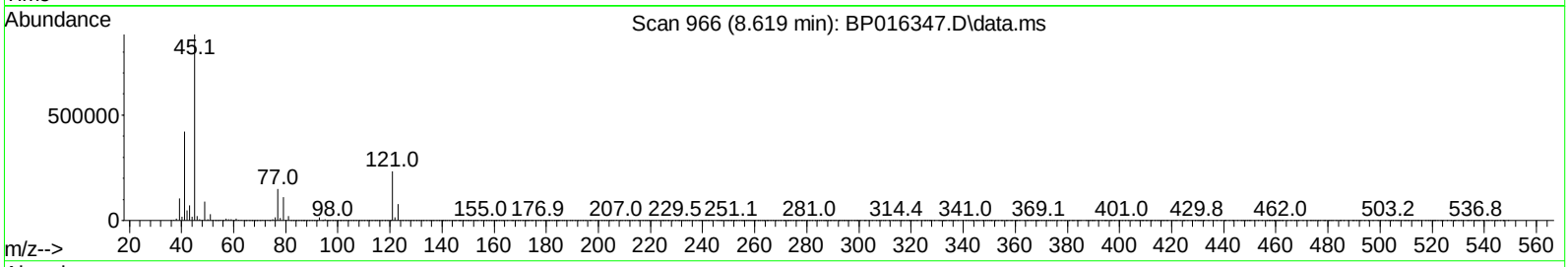

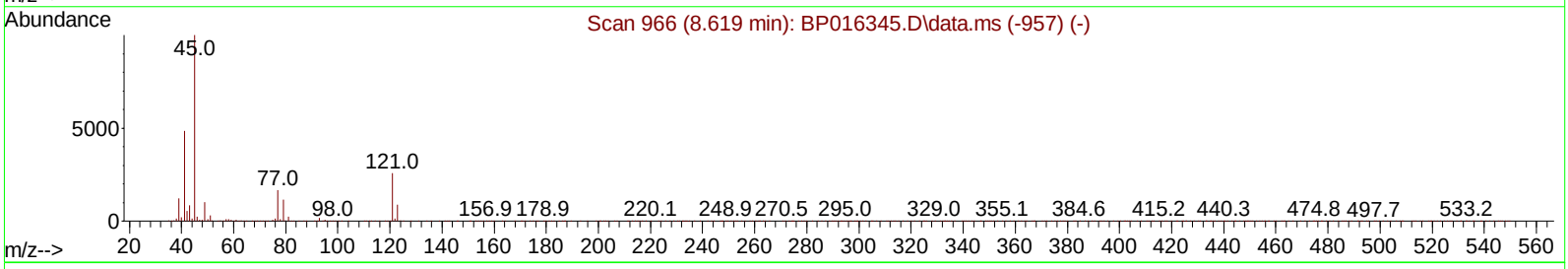

TIC: BP016347.D\data.ms

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

8.619min (-0.000) 80.73 ng/ul m

response 2365003

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.10	16.80
79.00	12.00	12.48
0.00	0.00	0.00

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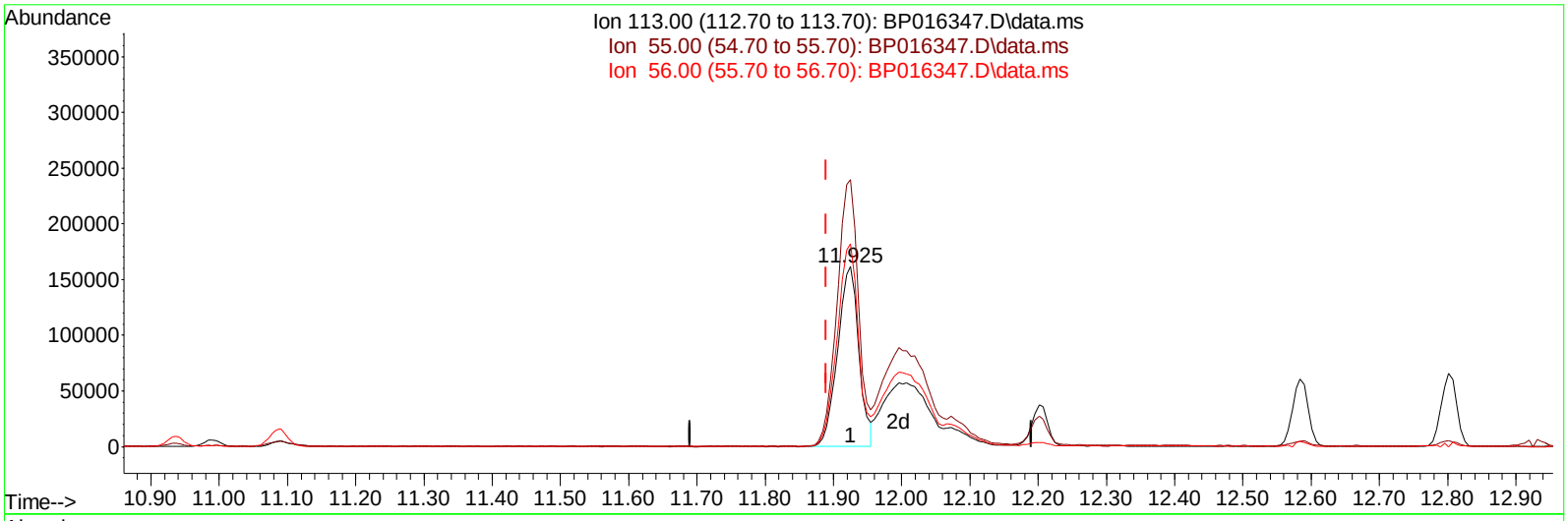

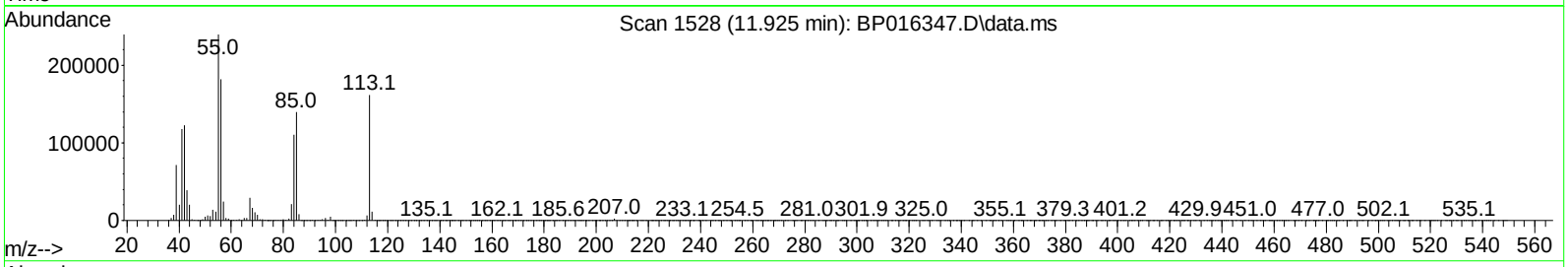

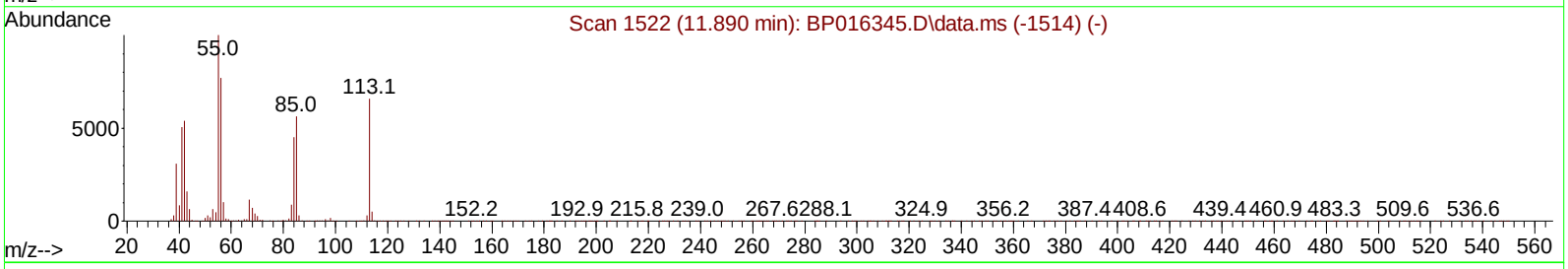

TIC: BP016347.D\data.ms

(34) Caprolactam

11.925min (+ 0.035) 45.36 ng/ul

response 347802

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	152.80	148.14
56.00	117.30	112.63
0.00	0.00	0.00

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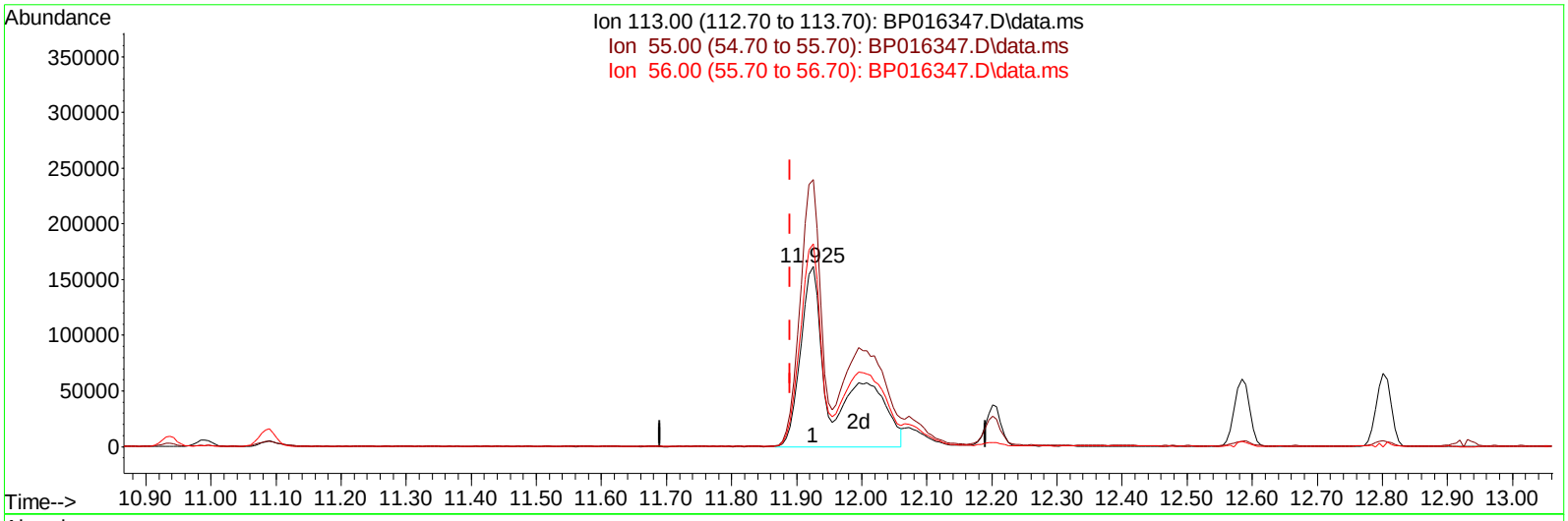

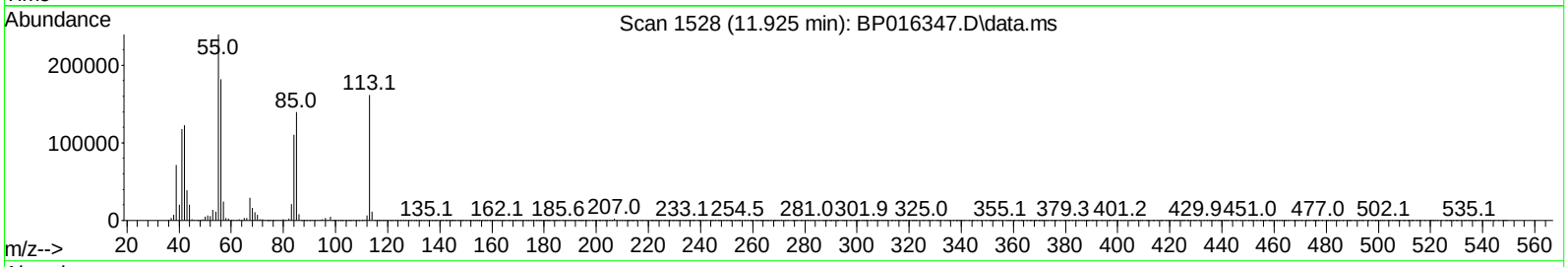

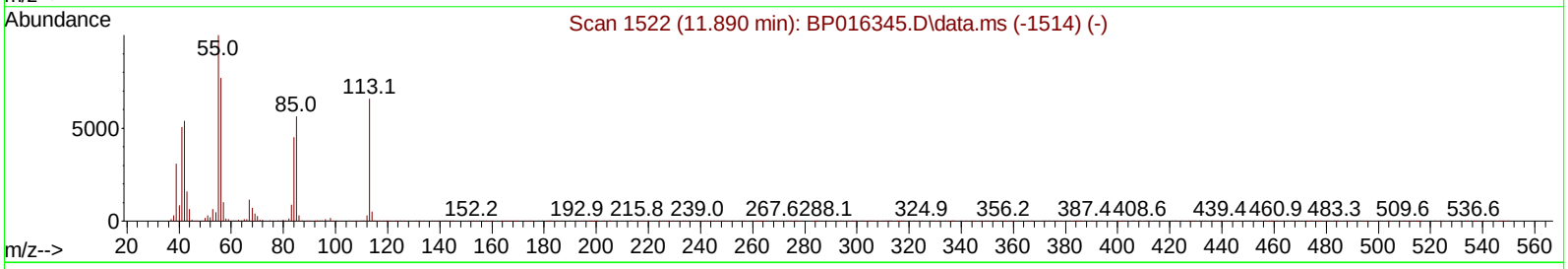

TIC: BP016347.D\data.ms

(34) Caprolactam

11.925min (+ 0.035) 79.43 ng/ul m

response 609135

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	152.80	148.14
56.00	117.30	112.63
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 25 Jul 2023 14:08
Operator : MA/JU
Sample : SSTD08006
Misc :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	339468	20.000	ng/ul	0.00
20) Naphthalene-d8	10.937	136	1460094	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.743	164	874176	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.507	188	1909138	20.000	ng/ul	0.00
79) Chrysene-d12	21.601	240	1687634	20.000	ng/ul	0.00
88) Perylene-d12	24.213	264	1965908	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	289356	33.609	ng/uL	0.00
4) Pyridine-d5	3.855	84	2097340	85.861	ng/ul	0.00
7) Phenol-d5	7.231	99	2376915	83.672	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.437	67	1384932	81.203	ng/ul	0.00
11) 2-Chlorophenol-d4	7.619	132	1876809	84.685	ng/ul	0.00
15) 4-Methylphenol-d8	8.802	113	1916941	83.909	ng/ul	0.00
21) Nitrobenzene-d5	9.302	128	871339	96.913	ng/ul	0.00
24) 2-Nitrophenol-d4	10.013	143	829092	111.810	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.543	165	1803725	87.757	ng/ul	0.00
31) 4-Chloroaniline-d4	11.090	131	2668170	83.445	ng/ul	0.00
46) Dimethylphthalate-d6	14.160	166	5185850	81.057	ng/ul	0.00
49) Acenaphthylene-d8	14.448	160	6087973	80.545	ng/ul	0.00
54) 4-Nitrophenol-d4	14.943	143	995975	92.908	ng/ul	0.02
60) Fluorene-d10	15.742	176	4350246	79.926	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.860	200	635250	101.021	ng/ul	0.01
73) Anthracene-d10	17.613	188	6623587	78.323	ng/ul	0.00
81) Pyrene-d10	19.836	212	7480440	78.063	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.042	264	8029109	84.652	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.467	88	309170	33.866	ng/uL	97
5) Pyridine	3.873	79	2134162	85.874	ng/ul	97
6) Benzaldehyde	7.249	77	982530	63.398	ng/ul	100
8) Phenol	7.261	94	2443162	82.702	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.531	93	1959080	80.952	ng/ul	99
12) 2-Chlorophenol	7.655	128	1885319	82.739	ng/ul	98
13) 2-Methylphenol	8.531	108	1891377	83.497	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.619	45	2365003m	80.734	ng/ul	
16) Acetophenone	8.955	105	2921501	81.033	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.937	70	1461244	77.832	ng/ul	97
18) 4-Methylphenol	8.872	108	2013718	83.204	ng/ul	97
19) Hexachloroethane	9.178	117	772663	81.051	ng/ul	97
22) Nitrobenzene	9.343	77	2142625	89.016	ng/ul	97
23) Isophorone	9.866	82	4347166	80.182	ng/ul	99
25) 2-Nitrophenol	10.049	139	979127	105.823	ng/ul	98
26) 2,4-Dimethylphenol	10.084	107	2124509	81.209	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.349	93	2611935	79.906	ng/ul	99
29) 2,4-Dichlorophenol	10.566	162	1778287	85.585	ng/ul	98
30) Naphthalene	10.990	128	6001655	79.363	ng/ul	99
32) 4-Chloroaniline	11.113	127	2608645	83.219	ng/ul	99
33) Hexachlorobutadiene	11.225	225	1096751	80.313	ng/ul	100
34) Caprolactam	11.925	113	609135m	79.434	ng/ul	
35) 4-Chloro-3-methylphenol	12.201	107	1961002	85.263	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.584	142	4095103	79.459	ng/ul	97
37) 1-Methylnaphthalene	12.801	142	4079863	79.177	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.931	216	2111504	81.758	ng/ul	98
40) Hexachlorocyclopentadiene	12.890	237	1354614	73.474	ng/ul	100
41) 2,4,6-Trichlorophenol	13.172	196	1379555	90.662	ng/ul	99
42) 2,4,5-Trichlorophenol	13.243	196	1489479	91.466	ng/ul	100
43) 1,1'-Biphenyl	13.590	154	5202371	78.816	ng/ul	99
44) 2-Chloronaphthalene	13.631	162	4104573	79.489	ng/ul	99
45) 2-Nitroaniline	13.854	65	1135821	105.127	ng/ul	94
47) Dimethylphthalate	14.213	163	5132310	79.547	ng/ul	100
48) 2,6-Dinitrotoluene	14.348	165	1010486	108.683	ng/ul	89
50) Acenaphthylene	14.478	152	6739846	78.270	ng/ul	99
51) 3-Nitroaniline	14.678	138	930872	85.580	ng/ul#	95
52) Acenaphthene	14.813	153	4394542	79.145	ng/ul	100
53) 2,4-Dinitrophenol	14.872	184	355457	89.390	ng/ul	94
55) 4-Nitrophenol	14.960	109	760738	88.037	ng/ul	97
56) Dibenzofuran	15.148	168	5925905	77.960	ng/ul	100
57) 2,4-Dinitrotoluene	15.125	165	1449072	109.317	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.354	232	1216321	93.628	ng/ul	97
59) Diethylphthalate	15.572	149	5164965	79.481	ng/ul	99
61) Fluorene	15.801	166	4606977	74.618	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.790	204	2296412	76.295	ng/ul	98
63) 4-Nitroaniline	15.848	138	814089	81.620	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.878	198	749725	99.729	ng/ul#	94
67) N-Nitrosodiphenylamine	16.013	169	4164038	77.790	ng/ul	99
68) 4-Bromophenyl-phenylether	16.689	248	1462820	80.794	ng/ul	99
69) Hexachlorobenzene	16.772	284	1756727	80.913	ng/ul	96
70) Atrazine	16.966	200	1602756	82.065	ng/ul	98
71) Pentachlorophenol	17.131	266	1104059	90.239	ng/ul	99
72) Phenanthrene	17.554	178	7669110	77.197	ng/ul	98
74) Anthracene	17.648	178	7704384	76.134	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.537	216	2223040	80.668	ng/uL	100
76) Pentachlorobenzene	15.037	250	1931313	79.307	ng/uL	99
77) Carbazole	17.919	167	7067196	81.134	ng/ul	99
78) Di-n-butylphthalate	18.448	149	8687502	78.316	ng/ul	99
80) Fluoranthene	19.507	202	8795485	76.571	ng/ul	98
82) Pyrene	19.866	202	8896557	74.967	ng/ul	100
83) Butylbenzylphthalate	20.730	149	3953424	87.995	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.519	252	3133147	84.468	ng/ul	99
85) Benzo(a)anthracene	21.589	228	8994288	78.685	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.483	149	5833649	85.122	ng/ul#	98
87) Chrysene	21.642	228	8312412	78.526	ng/ul	98
89) Di-n-octyl phthalate	22.489	149	10113172	81.838	ng/ul	100
90) Benzo(b)fluoranthene	23.401	252	9598512	81.529	ng/ul	99
91) Benzo(k)fluoranthene	23.460	252	9438884	80.562	ng/ul	98
93) Benzo(a)pyrene	24.107	252	9119134	82.244	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.012	276	11273615	88.051	ng/ul	98
95) Dibenzo(a,h)anthracene	27.048	278	9265304	87.496	ng/ul	99
96) Benzo(g,h,i)perylene	27.889	276	8867434	87.481	ng/ul	99

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

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