Quantitation Report (Qedit)

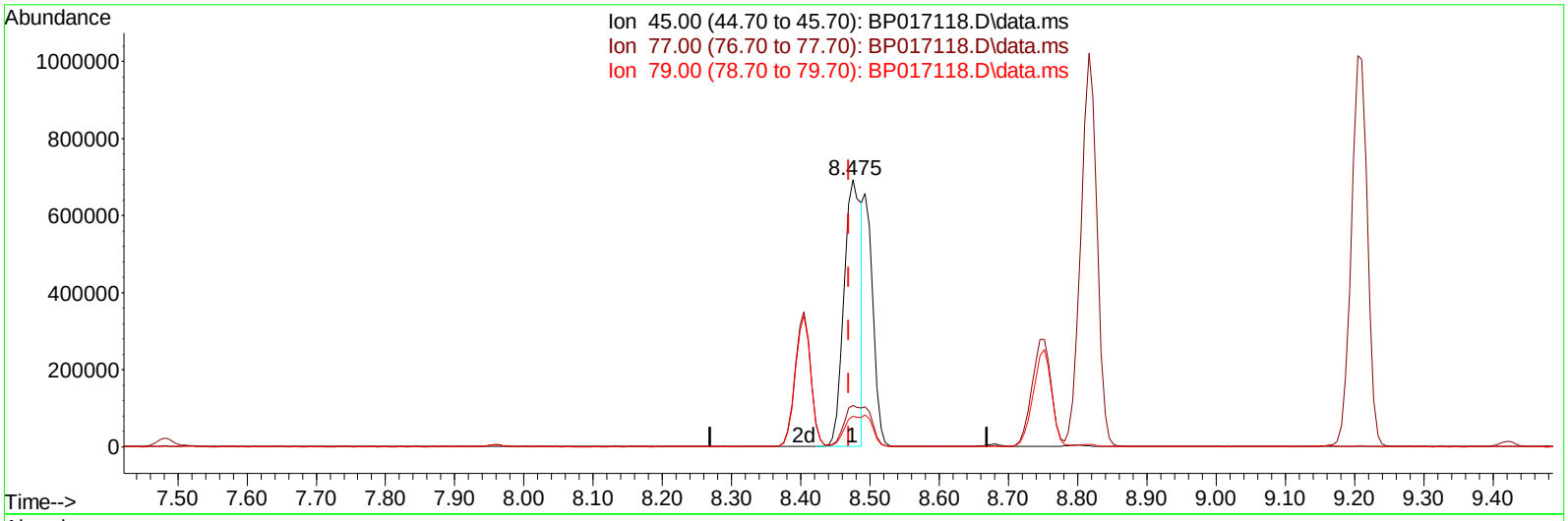
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017118.D
Acq On : 12 Sep 2023 14:48
Operator : MA/JU
Sample : SSTD08053
Misc :
ALS Vial : 6 Sample Multiplier: 1

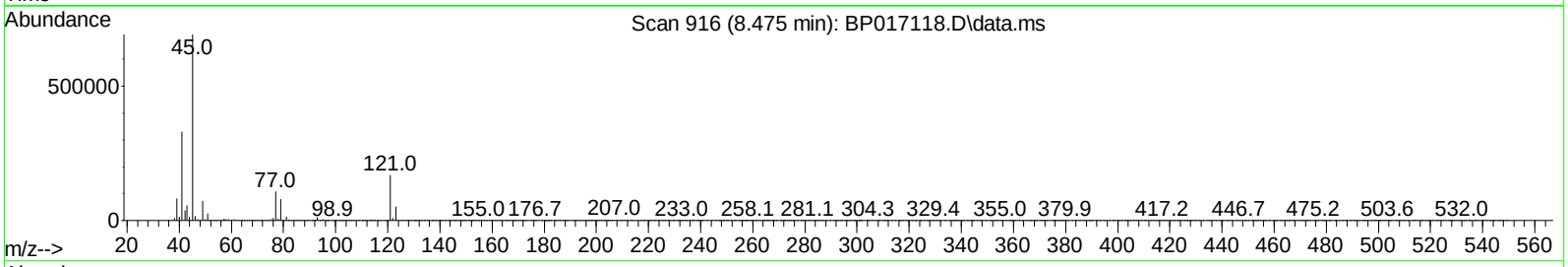
Quant Time: Sep 12 22:49:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 22:45:48 2023
Response via : Initial Calibration

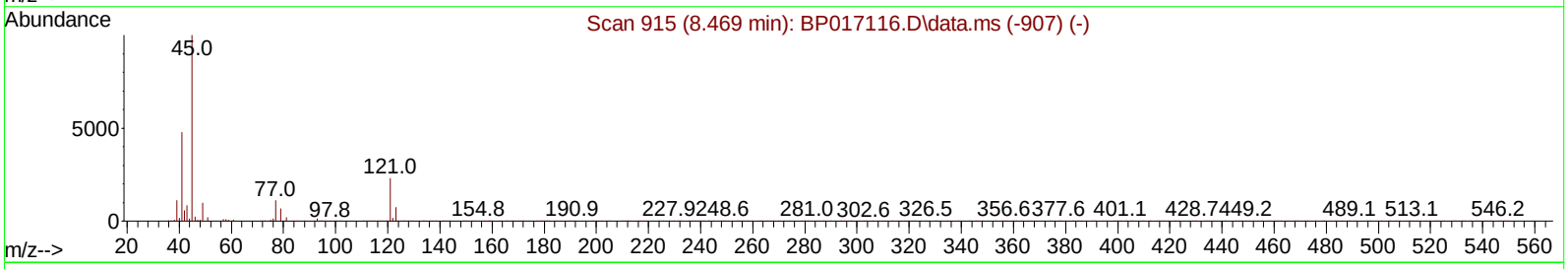
Instrument :
BNA_P
ClientSampleId :
SSTD080614

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BP017118.D\data.ms

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

8.475min (+ 0.006) 58.58 ng/ul

response 1188806

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	15.58
79.00	11.00	11.39
0.00	0.00	0.00

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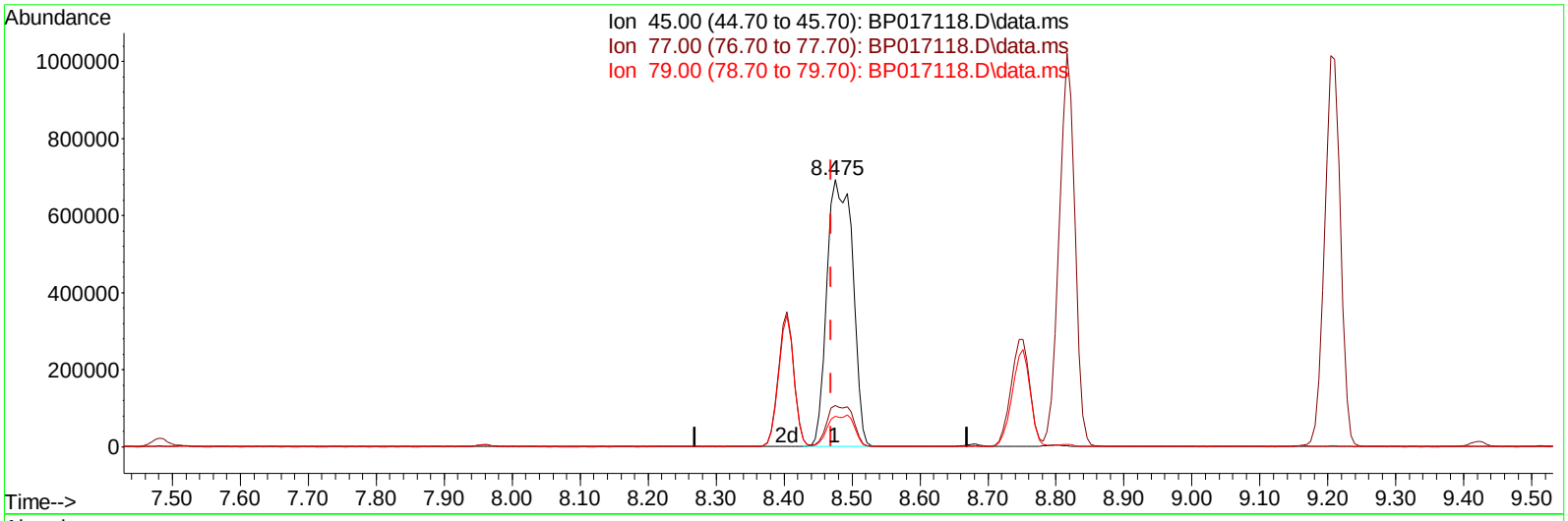

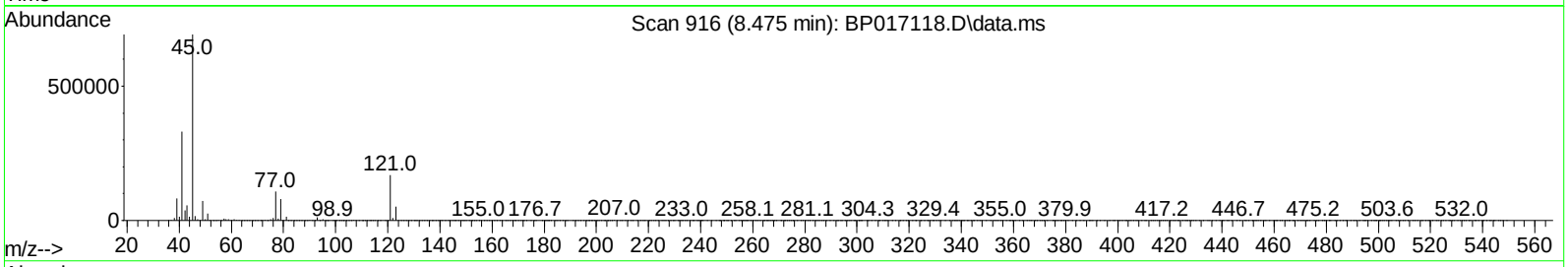

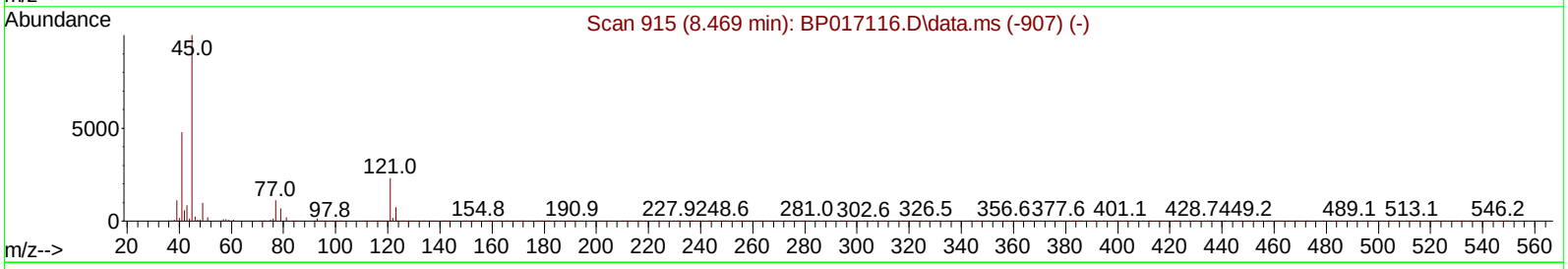

TIC: BP017118.D\data.ms

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

8.475min (+ 0.006) 89.99 ng/ul m

response 1826162

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	15.58
79.00	11.00	11.39
0.00	0.00	0.00

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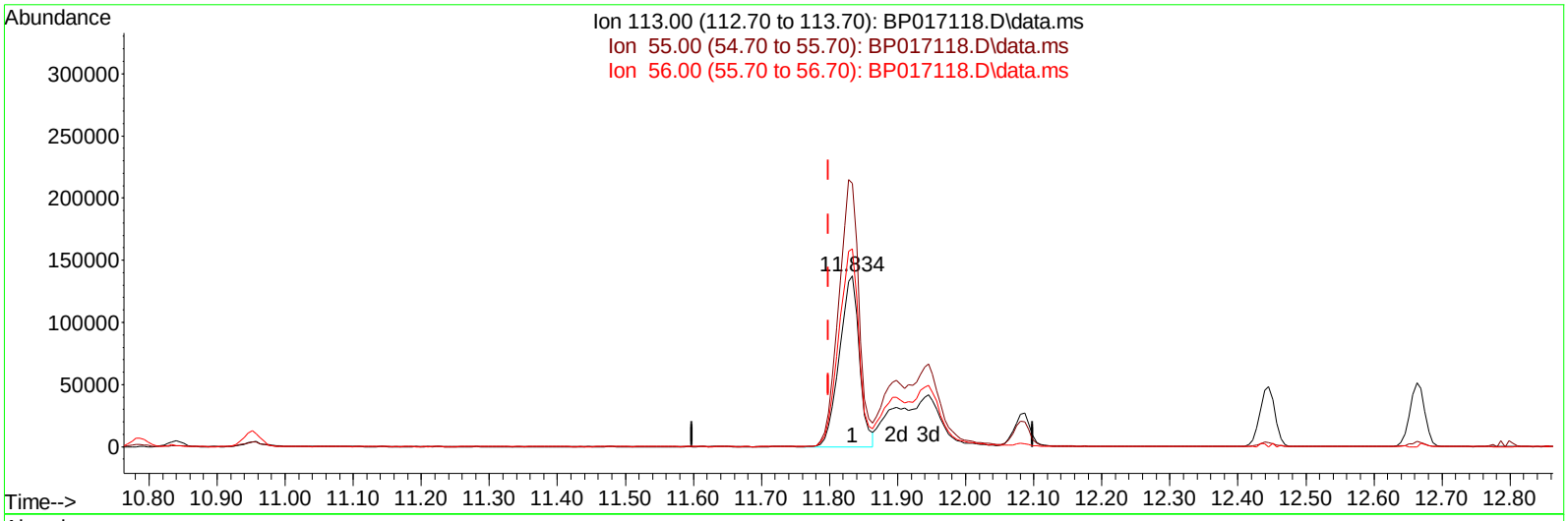

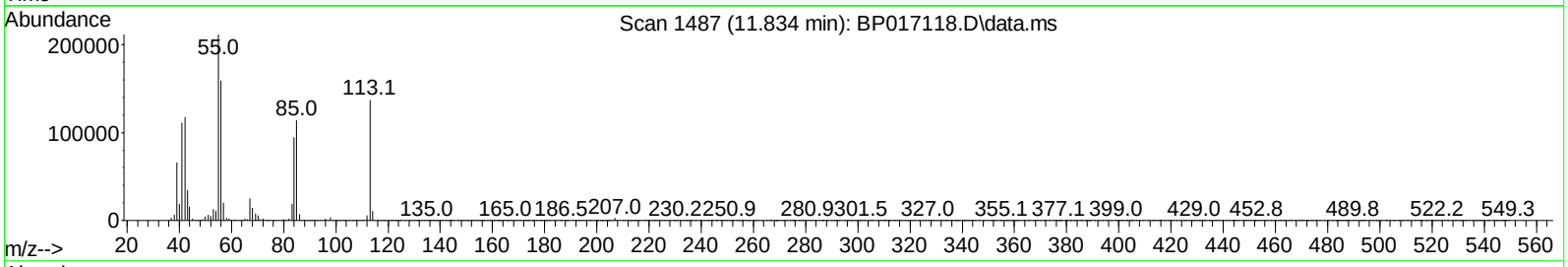

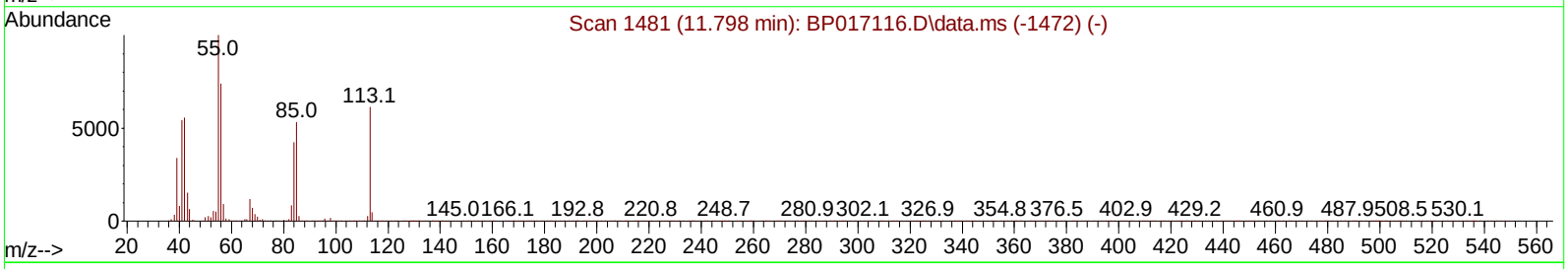

TIC: BP017118.D\data.ms

(34) Caprolactam

11.834min (+ 0.035) 60.37 ng/ul

response 279150

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.40	154.12
56.00	121.00	115.93
0.00	0.00	0.00

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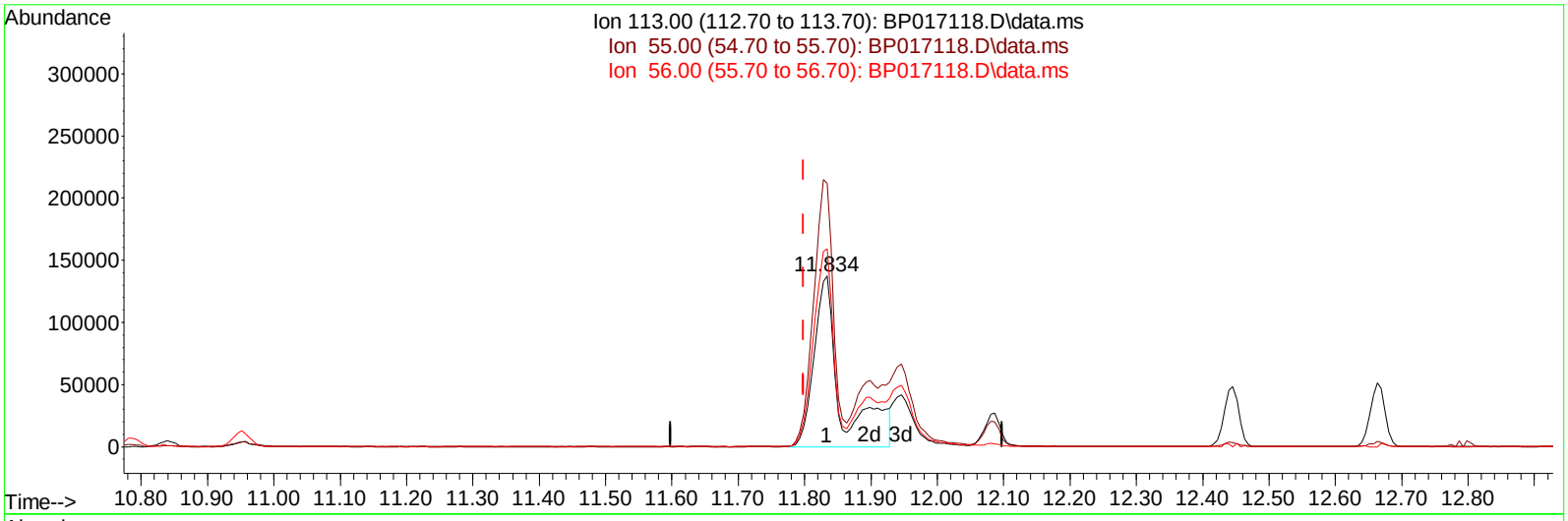

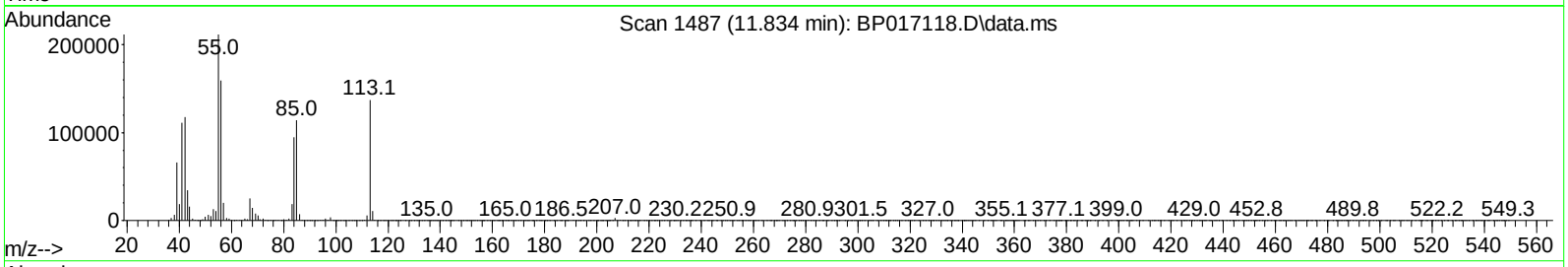

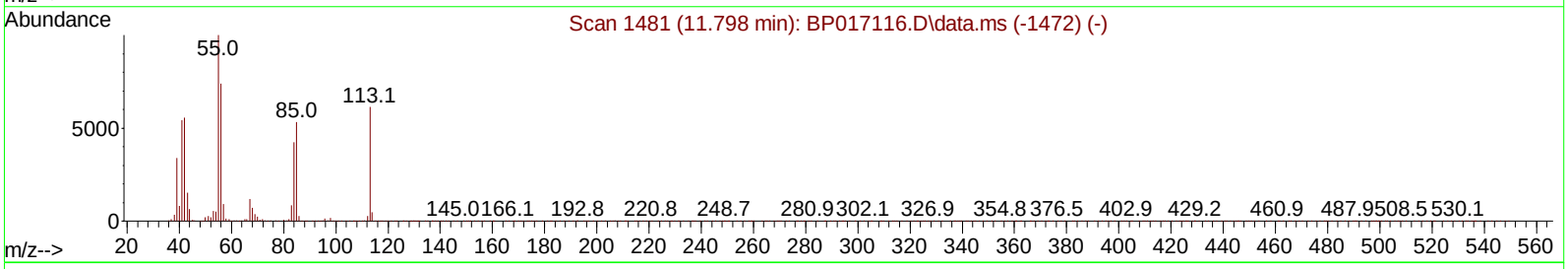

TIC: BP017118.D\data.ms

(34) Caprolactam

11.834min (+ 0.035) 83.44 ng/ul m

response 385860

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.40	154.12
56.00	121.00	115.93
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/13/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	236040	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	1045168	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	661271	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	1503712	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	1475430	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	1574403	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	190243	33.870	ng/uL	0.00
4) Pyridine-d5	3.746	84	1397385	86.966	ng/ul	0.00
7) Phenol-d5	7.116	99	1679335	87.497	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.305	67	1014798	84.593	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	1379720	90.110	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	1393228	87.588	ng/ul	0.01
21) Nitrobenzene-d5	9.163	128	684642	93.549	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	765216	97.939	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	1371162	90.744	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1975086	86.722	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	4061807	86.316	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	4724209	88.476	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	826880	90.917	ng/ul	0.02
60) Fluorene-d10	15.622	176	3476309	85.437	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	785668	93.518	ng/ul	0.01
73) Anthracene-d10	17.492	188	5508436	86.218	ng/ul	0.00
81) Pyrene-d10	19.733	212	6665371	86.139	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.863	264	6682868	89.933	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	204078	33.788	ng/uL	96
5) Pyridine	3.769	79	1437459	86.367	ng/ul	97
6) Benzaldehyde	7.116	77	783422	73.316	ng/ul	97
8) Phenol	7.140	94	1770438	87.461	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.399	93	1374055	85.106	ng/ul	99
12) 2-Chlorophenol	7.516	128	1375218	88.486	ng/ul	99
13) 2-Methylphenol	8.405	108	1327001	87.935	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1826162m	89.988	ng/ul	
16) Acetophenone	8.816	105	2135995	85.793	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.799	70	1092060	85.357	ng/ul	98
18) 4-Methylphenol	8.752	108	1454412	87.112	ng/ul	95
19) Hexachloroethane	9.028	117	548043	85.742	ng/ul	92
22) Nitrobenzene	9.204	77	1650060	86.576	ng/ul	98
23) Isophorone	9.728	82	3135664	87.795	ng/ul	99
25) 2-Nitrophenol	9.910	139	814084	93.747	ng/ul	96
26) 2,4-Dimethylphenol	9.951	107	1524708	86.154	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.210	93	1865259	83.326	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	1349582	88.236	ng/ul	98
30) Naphthalene	10.840	128	4399360	83.182	ng/ul	100
32) 4-Chloroaniline	10.975	127	1919357	86.361	ng/ul	98
33) Hexachlorobutadiene	11.069	225	868799	83.652	ng/ul	98
34) Caprolactam	11.834	113	385860m	83.441	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	1479562	89.405	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.445	142	3038014	85.129 ng/ul	99
37) 1-Methylnaphthalene	12.663	142	3067371	84.913 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.793	216	1697884	86.208 ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	1053299	85.835 ng/ul	99
41) 2,4,6-Trichlorophenol	13.051	196	1138043	90.958 ng/ul	98
42) 2,4,5-Trichlorophenol	13.122	196	1231847	92.608 ng/ul	100
43) 1,1'-Biphenyl	13.457	154	3958965	83.491 ng/ul	99
44) 2-Chloronaphthalene	13.504	162	3181932	84.500 ng/ul	99
45) 2-Nitroaniline	13.745	65	982196	96.296 ng/ul	94
47) Dimethylphthalate	14.087	163	4053030	84.844 ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	868599	99.485 ng/ul	97
50) Acenaphthylene	14.351	152	5226389	84.727 ng/ul	99
51) 3-Nitroaniline	14.575	138	817823	87.535 ng/ul	96
52) Acenaphthene	14.687	153	3417580	83.726 ng/ul	99
53) 2,4-Dinitrophenol	14.769	184	565493	92.445 ng/ul	97
55) 4-Nitrophenol	14.869	109	639852	87.902 ng/ul	95
56) Dibenzofuran	15.028	168	4561611	80.867 ng/ul	98
57) 2,4-Dinitrotoluene	15.016	165	1236576	95.089 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.239	232	1073772	92.017 ng/ul	97
59) Diethylphthalate	15.445	149	4060595	86.095 ng/ul	98
61) Fluorene	15.675	166	3765287	80.737 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.663	204	1933574	81.548 ng/ul	99
63) 4-Nitroaniline	15.751	138	750871	86.449 ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.775	198	840167	93.184 ng/ul#	89
67) N-Nitrosodiphenylamine	15.892	169	3309365	84.641 ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	1278551	89.199 ng/ul	95
69) Hexachlorobenzene	16.651	284	1474451	86.907 ng/ul	97
70) Atrazine	16.851	200	1212838	85.694 ng/ul	99
71) Pentachlorophenol	17.016	266	997999	90.514 ng/ul	99
72) Phenanthrene	17.439	178	6271041	82.986 ng/ul	99
74) Anthracene	17.533	178	6393548	83.536 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	1789758	86.084 ng/uL	99
76) Pentachlorobenzene	14.916	250	1610799	85.383 ng/uL	99
77) Carbazole	17.816	167	5821633	86.625 ng/ul	99
78) Di-n-butylphthalate	18.322	149	6888977	89.956 ng/ul	99
80) Fluoranthene	19.404	202	7639686	84.470 ng/ul	100
82) Pyrene	19.763	202	7814623	81.773 ng/ul	99
83) Butylbenzylphthalate	20.616	149	3224121	94.595 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.416	252	2655560	87.790 ng/ul	99
85) Benzo(a)anthracene	21.474	228	8175757	84.631 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	4510962	94.283 ng/ul	98
87) Chrysene	21.533	228	7536568	83.866 ng/ul	97
89) Di-n-octyl phthalate	22.321	149	7848524	89.905 ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	8218263	88.557 ng/ul	99
91) Benzo(k)fluoranthene	23.298	252	7958381	86.263 ng/ul	99
93) Benzo(a)pyrene	23.921	252	7569578	87.918 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.721	276	8159414	85.582 ng/ul	99
95) Dibenzo(a,h)anthracene	26.751	278	6887045	85.993 ng/ul	99
96) Benzo(g,h,i)perylene	27.562	276	6128921	83.136 ng/ul	99

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

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