Quantitation Report (Qedit)

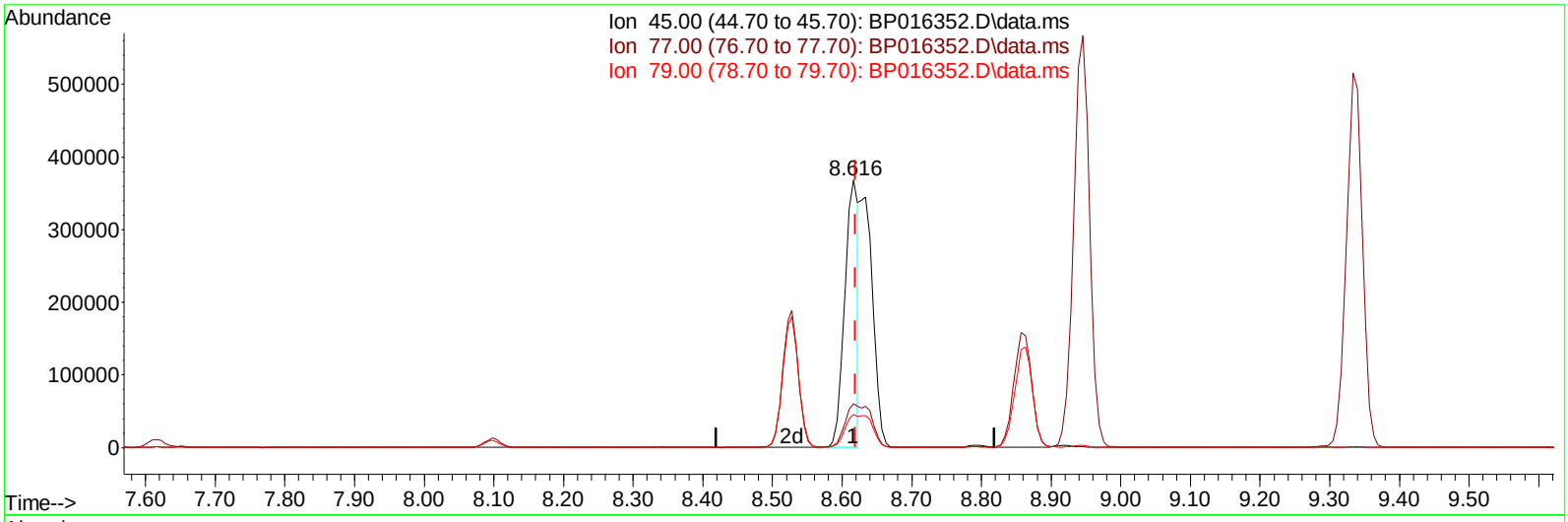
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
Data File : BP016352.D
Acq On : 25 Jul 2023 18:49
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

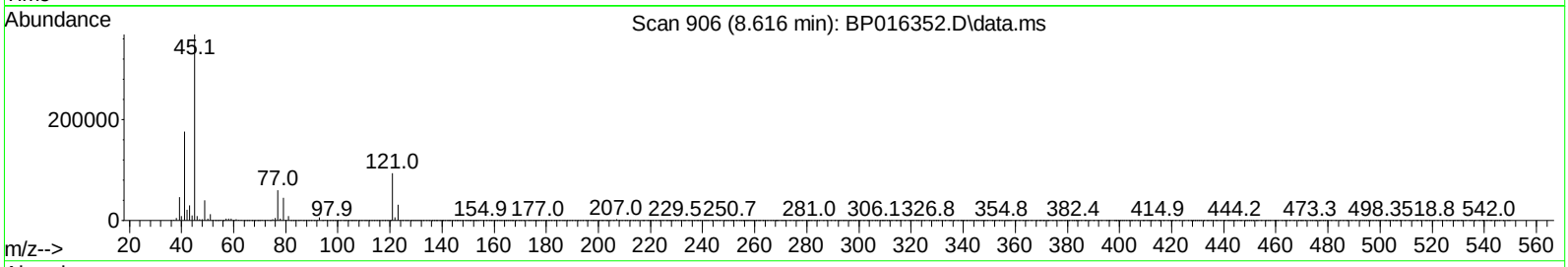
Quant Time: Jul 26 00:29:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 23:56:16 2023
Response via : Initial Calibration

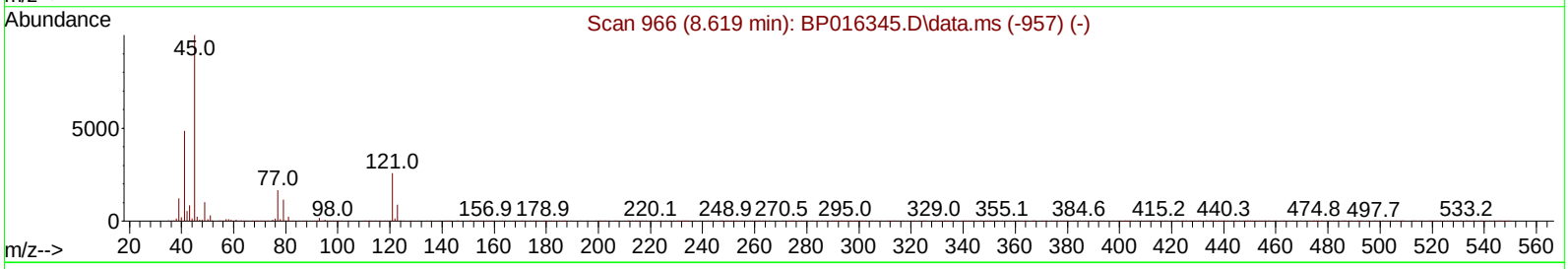
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BP016352.D\data.ms

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

8.616min (-0.003) 10.72 ng/ul

response 498126

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.10	16.37
79.00	12.00	12.33
0.00	0.00	0.00

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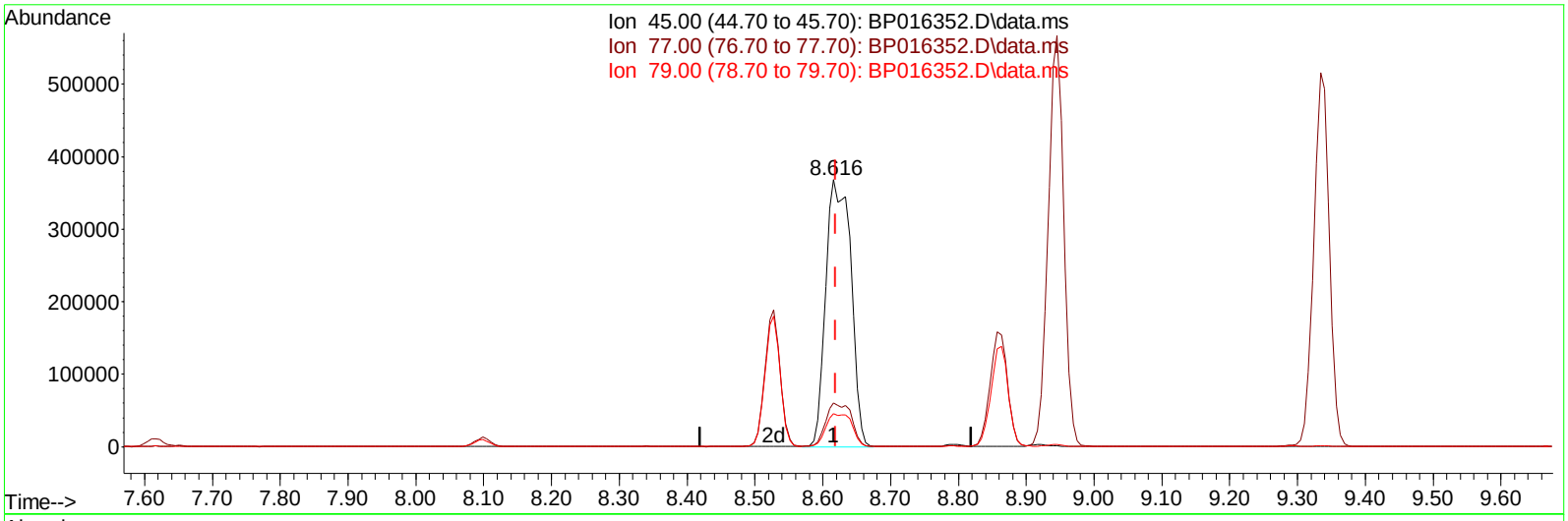

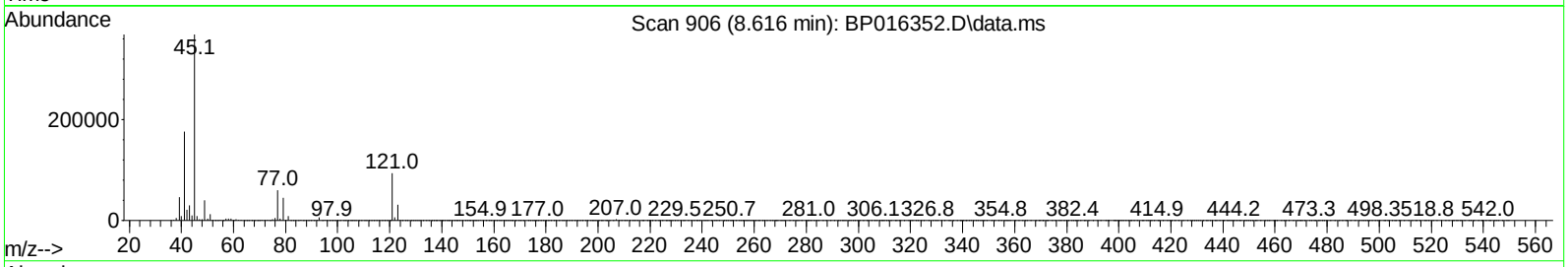

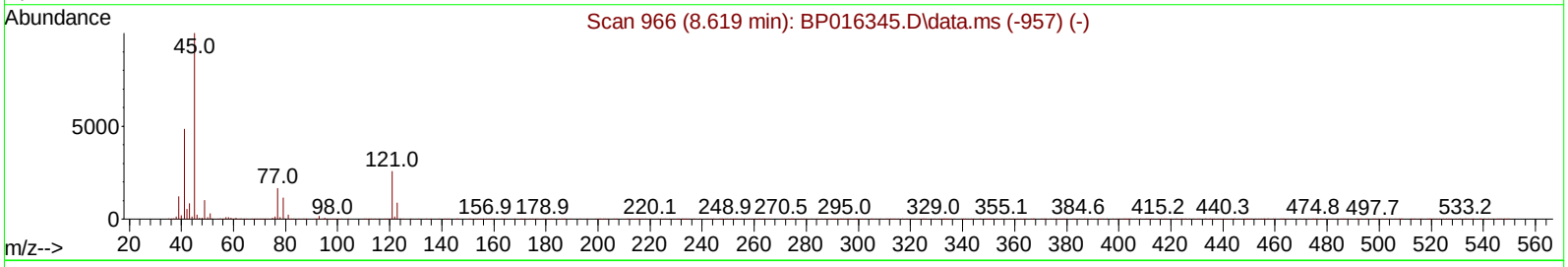

TIC: BP016352.D\data.ms

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

8.616min (-0.003) 20.37 ng/ul m

response 946169

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.10	16.37
79.00	12.00	12.33
0.00	0.00	0.00

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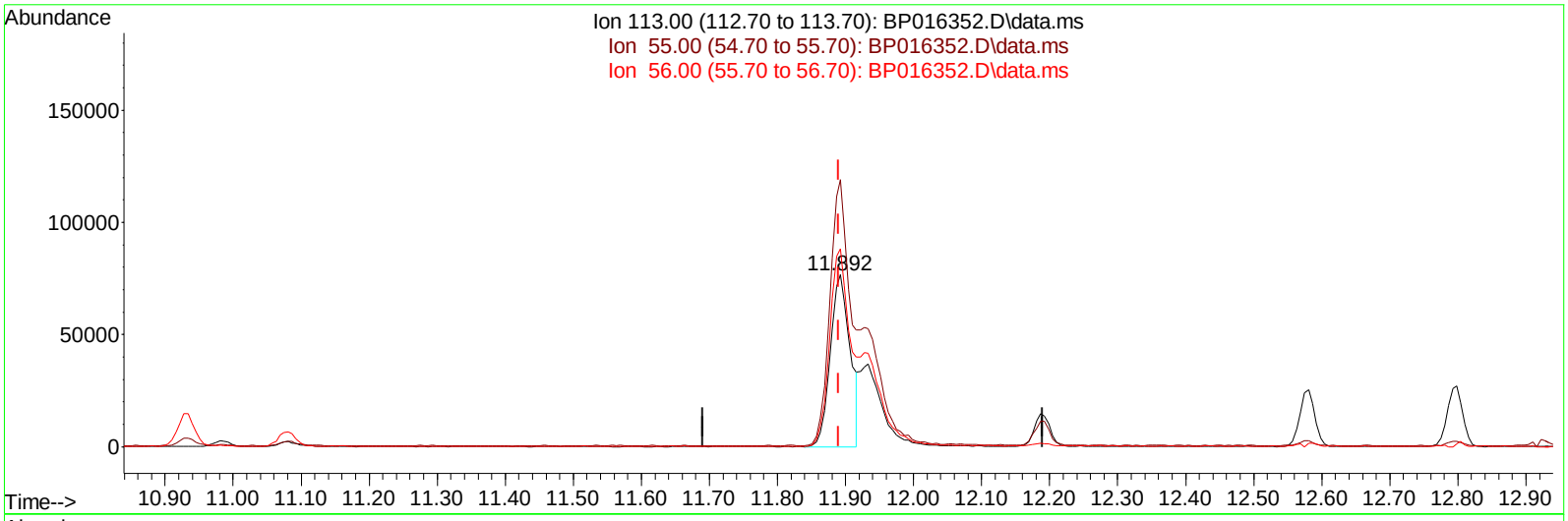

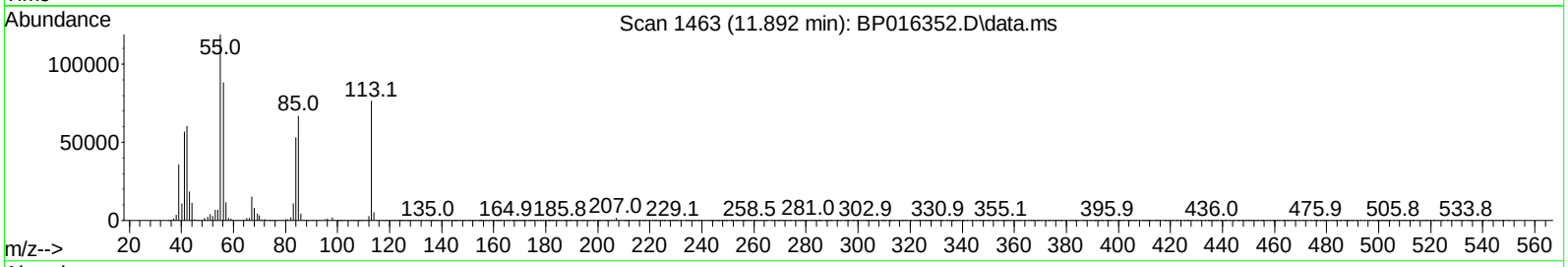

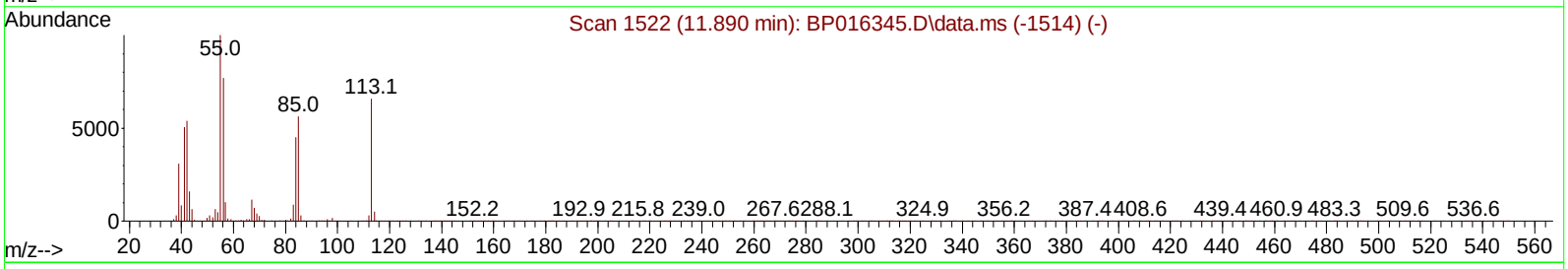

TIC: BP016352.D\data.ms

(34) Caprolactam

11.892min (+ 0.003) 13.32 ng/ul

response 155674

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	152.80	155.33
56.00	117.30	115.09
0.00	0.00	0.00

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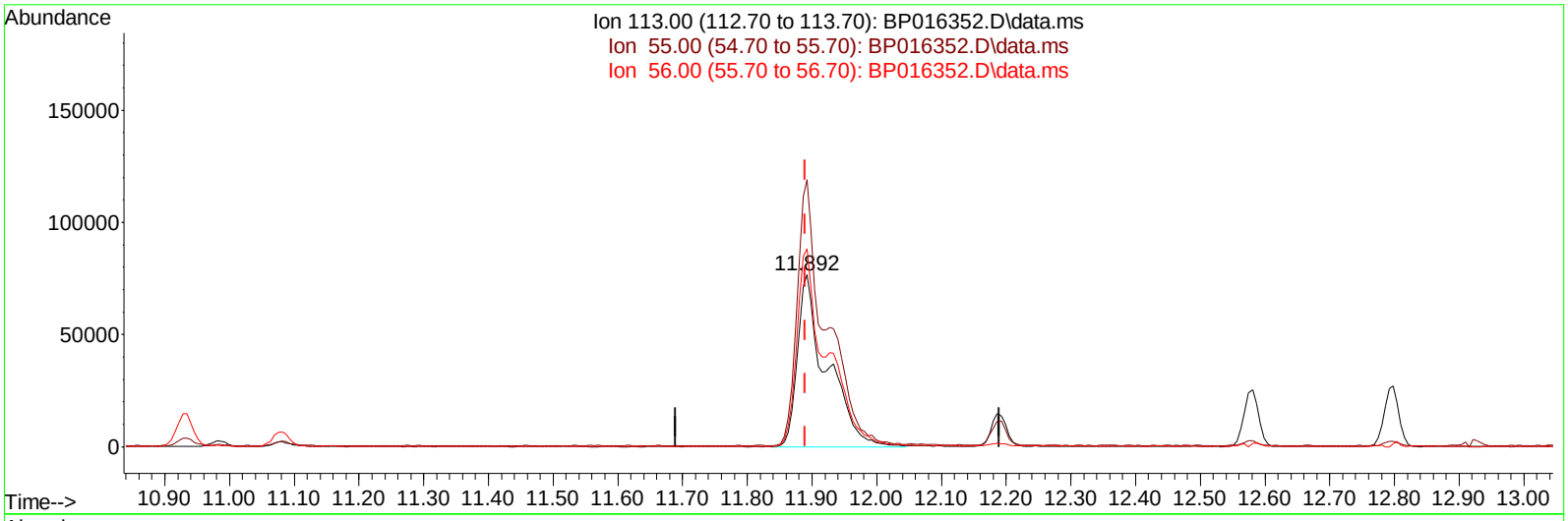

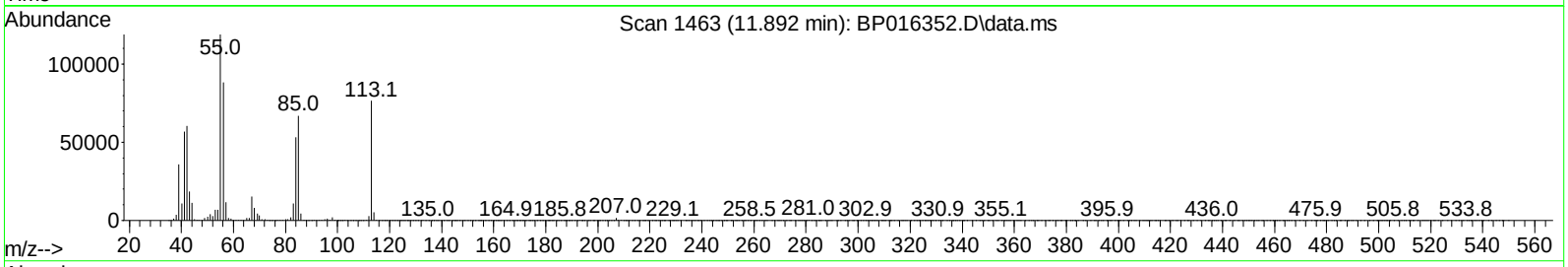

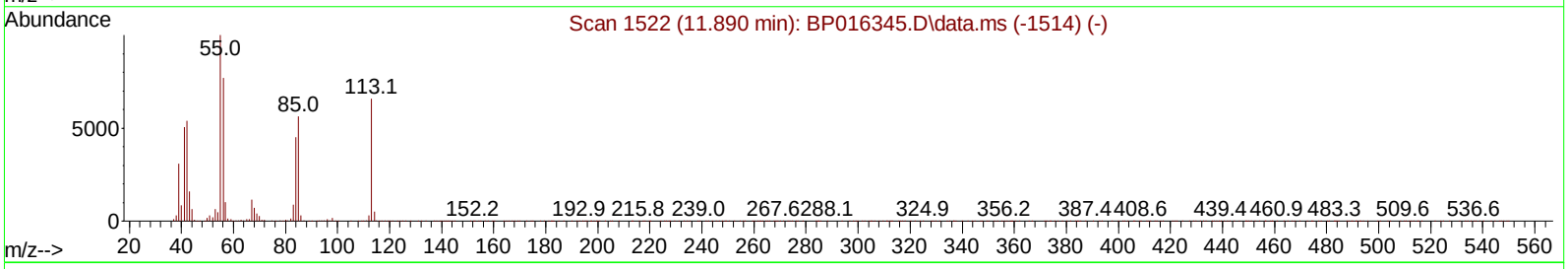

TIC: BP016352.D\data.ms

(34) Caprolactam

11.892min (+ 0.003) 20.55 ng/ul m

response 240062

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	152.80	155.33
56.00	117.30	115.09
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/26/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	538586	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	2304811	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164	1414049	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	3033460	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	2549971	20.000	ng/ul	0.00
88) Perylene-d12	24.204	264	2481078	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	110397	8.082	ng/uL	0.00
4) Pyridine-d5	3.858	84	770626	19.885	ng/ul	0.00
7) Phenol-d5	7.228	99	891774	19.786	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	545867	20.173	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	703685	20.013	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	723718	19.967	ng/ul	0.00
21) Nitrobenzene-d5	9.293	128	325248	22.917	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	286583	24.484	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	677839	20.892	ng/ul	0.00
31) 4-Chloroaniline-d4	11.081	131	1029593	20.398	ng/ul	0.00
46) Dimethylphthalate-d6	14.151	166	2070403	20.006	ng/ul	0.00
49) Acenaphthylene-d8	14.439	160	2449617	20.035	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	357284	20.604	ng/ul	0.00
60) Fluorene-d10	15.733	176	1736899	19.728	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	190189	19.035	ng/ul	0.00
73) Anthracene-d10	17.604	188	2642717	19.667	ng/ul	0.00
81) Pyrene-d10	19.833	212	2926715	20.214	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	2351314	19.643	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	115978	8.007	ng/uL	97
5) Pyridine	3.875	79	792291	20.094	ng/ul	99
6) Benzaldehyde	7.246	77	566128	23.024	ng/ul	99
8) Phenol	7.251	94	934093	19.930	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.528	93	764854	19.920	ng/ul	100
12) 2-Chlorophenol	7.646	128	725687	20.073	ng/ul	100
13) 2-Methylphenol	8.528	108	711555	19.799	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.616	45	946169m	20.365	ng/ul	
16) Acetophenone	8.946	105	1181726	20.659	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.916	70	601837	20.205	ng/ul	98
18) 4-Methylphenol	8.857	108	762330	19.853	ng/ul	98
19) Hexachloroethane	9.181	117	302650	20.010	ng/ul	97
22) Nitrobenzene	9.334	77	828823	21.814	ng/ul	99
23) Isophorone	9.851	82	1725666	20.164	ng/ul	99
25) 2-Nitrophenol	10.040	139	349426	23.924	ng/ul	98
26) 2,4-Dimethylphenol	10.075	107	841291	20.372	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.340	93	1034624	20.051	ng/ul	100
29) 2,4-Dichlorophenol	10.557	162	677495	20.656	ng/ul	99
30) Naphthalene	10.987	128	2374592	19.892	ng/ul	100
32) 4-Chloroaniline	11.104	127	1003509	20.280	ng/ul	99
33) Hexachlorobutadiene	11.222	225	426780	19.798	ng/ul	99
34) Caprolactam	11.892	113	240062m	20.547	ng/ul	
35) 4-Chloro-3-methylphenol	12.192	107	751062	20.687	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/26/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.581	142	1619364	19.905	ng/ul	100
37) 1-Methylnaphthalene	12.798	142	1648869	20.272	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.922	216	828505	19.832	ng/ul	99
40) Hexachlorocyclopentadiene	12.881	237	499208	16.739	ng/ul	97
41) 2,4,6-Trichlorophenol	13.169	196	519069	21.089	ng/ul	98
42) 2,4,5-Trichlorophenol	13.234	196	564581	21.433	ng/ul	99
43) 1,1'-Biphenyl	13.581	154	2099461	19.663	ng/ul	99
44) 2-Chloronaphthalene	13.628	162	1644459	19.688	ng/ul	99
45) 2-Nitroaniline	13.845	65	426163	24.384	ng/ul	96
47) Dimethylphthalate	14.198	163	2090192	20.028	ng/ul	99
48) 2,6-Dinitrotoluene	14.333	165	367955	24.466	ng/ul	95
50) Acenaphthylene	14.469	152	2764876	19.850	ng/ul	100
51) 3-Nitroaniline	14.669	138	389428	22.133	ng/ul#	98
52) Acenaphthene	14.804	153	1763717	19.637	ng/ul	100
53) 2,4-Dinitrophenol	14.863	184	103429	16.080	ng/ul	95
55) 4-Nitrophenol	14.939	109	289508	20.712	ng/ul	99
56) Dibenzofuran	15.139	168	2413212	19.627	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	522802	24.382	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.345	232	450579	21.442	ng/ul	95
59) Diethylphthalate	15.557	149	2101284	19.990	ng/ul	99
61) Fluorene	15.792	166	1968501	19.710	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.786	204	974416	20.014	ng/ul	99
63) 4-Nitroaniline	15.833	138	365029	22.625	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.863	198	239842	20.079	ng/ul	98
67) N-Nitrosodiphenylamine	16.004	169	1685878	19.821	ng/ul	99
68) 4-Bromophenyl-phenylether	16.686	248	574866	19.983	ng/ul	98
69) Hexachlorobenzene	16.763	284	681084	19.743	ng/ul	100
70) Atrazine	16.957	200	625230	20.148	ng/ul	100
71) Pentachlorophenol	17.122	266	382904	19.697	ng/ul	99
72) Phenanthrene	17.551	178	3073010	19.468	ng/ul	100
74) Anthracene	17.639	178	3151681	19.601	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.534	216	869538	19.858	ng/uL	99
76) Pentachlorobenzene	15.033	250	769040	19.875	ng/uL	99
77) Carbazole	17.916	167	2811833	20.316	ng/ul	100
78) Di-n-butylphthalate	18.439	149	3550867	20.146	ng/ul	100
80) Fluoranthene	19.504	202	3469393	19.989	ng/ul	99
82) Pyrene	19.857	202	3593545	20.041	ng/ul	100
83) Butylbenzylphthalate	20.727	149	1436872	21.166	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.515	252	1038787	18.535	ng/ul	99
85) Benzo(a)anthracene	21.580	228	3361031	19.460	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	2104249	20.321	ng/ul	100
87) Chrysene	21.639	228	3118405	19.497	ng/ul	100
89) Di-n-octyl phthalate	22.486	149	3311593	21.234	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	3012355	20.274	ng/ul	100
91) Benzo(k)fluoranthene	23.445	252	2971233	20.094	ng/ul	99
93) Benzo(a)pyrene	24.086	252	2765759	19.765	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.986	276	2807386	17.374	ng/ul	98
95) Dibenzo(a,h)anthracene	27.021	278	2371929	17.748	ng/ul	99
96) Benzo(g,h,i)perylene	27.845	276	2148164	16.792	ng/ul	99

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

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