Quantitation Report (Qedit)

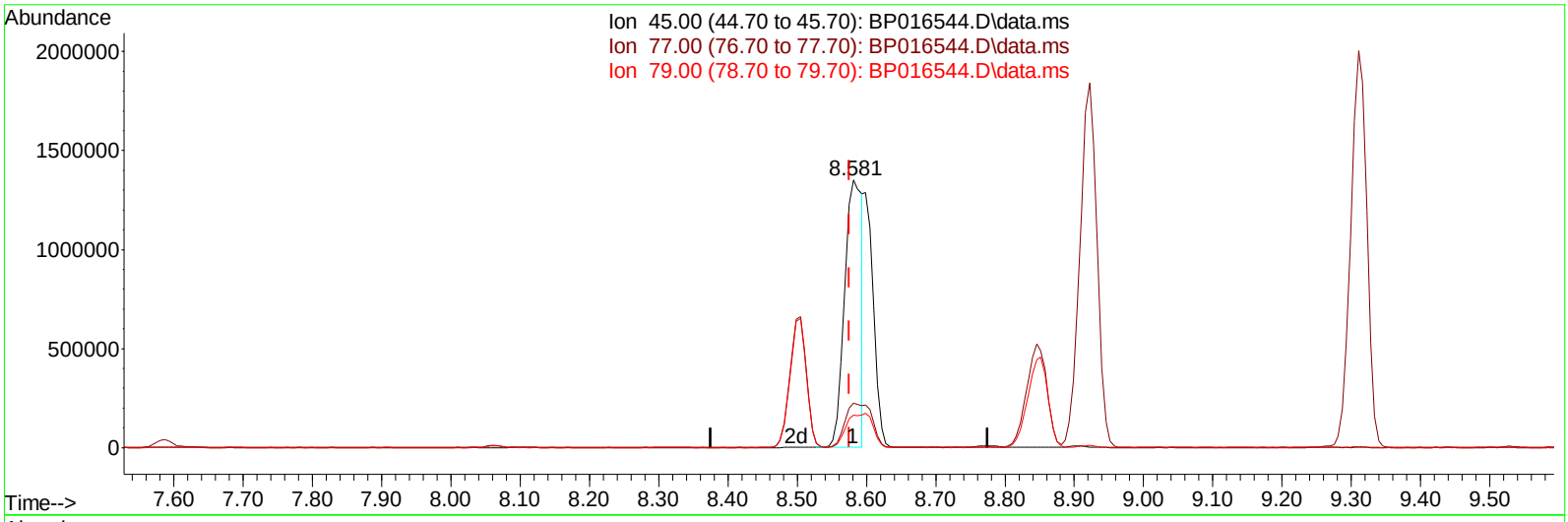
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081023\
Data File : BP016544.D
Acq On : 10 Aug 2023 12:34
Operator : MA/JU
Sample : SSTD08022
Misc :
ALS Vial : 6 Sample Multiplier: 1

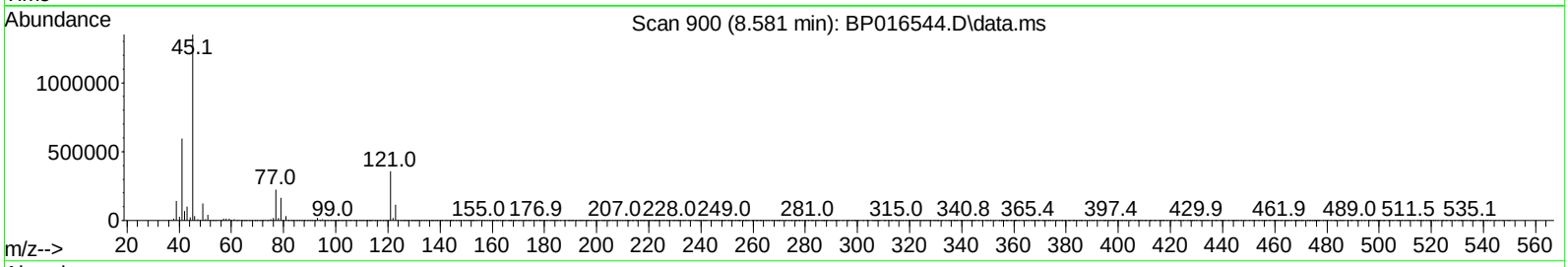
Quant Time: Aug 10 16:49:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 14:05:43 2023
Response via : Initial Calibration

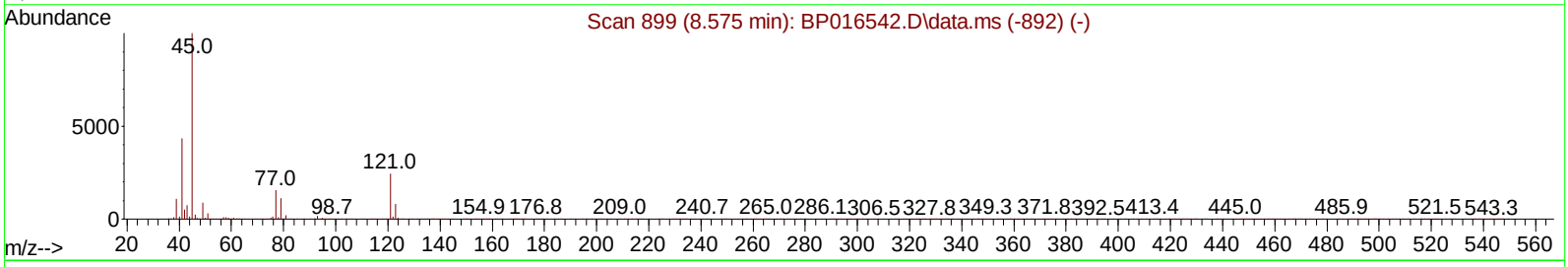
Instrument :
BNA_P
ClientSampleId :
SSTD080622

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023







TIC: BP016544.D\data.ms

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

8.581min (+ 0.006) 52.62 ng/ul

response 2347603

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.10	16.71
79.00	11.50	12.15
0.00	0.00	0.00

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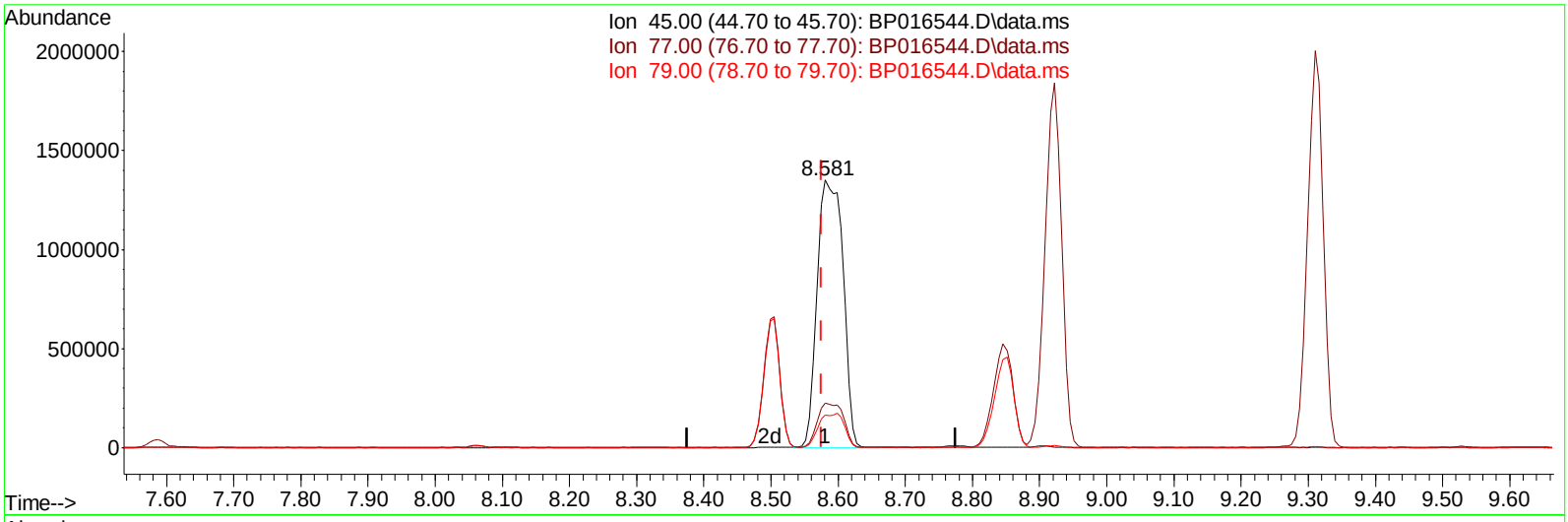

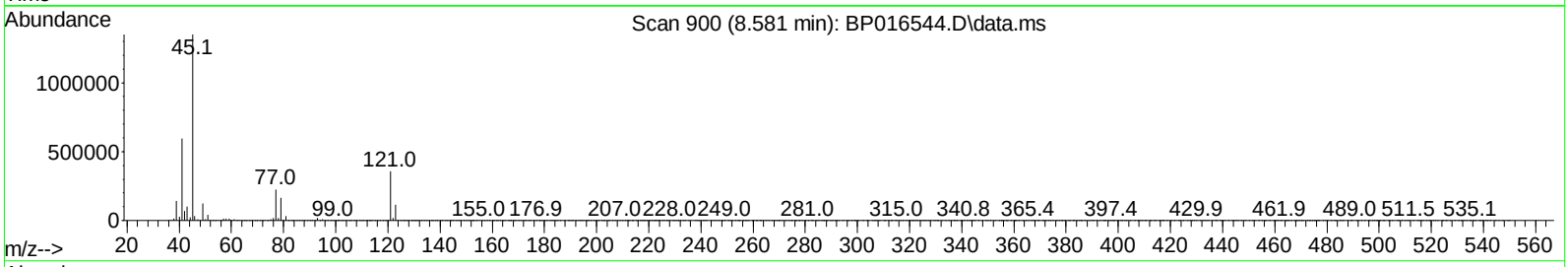

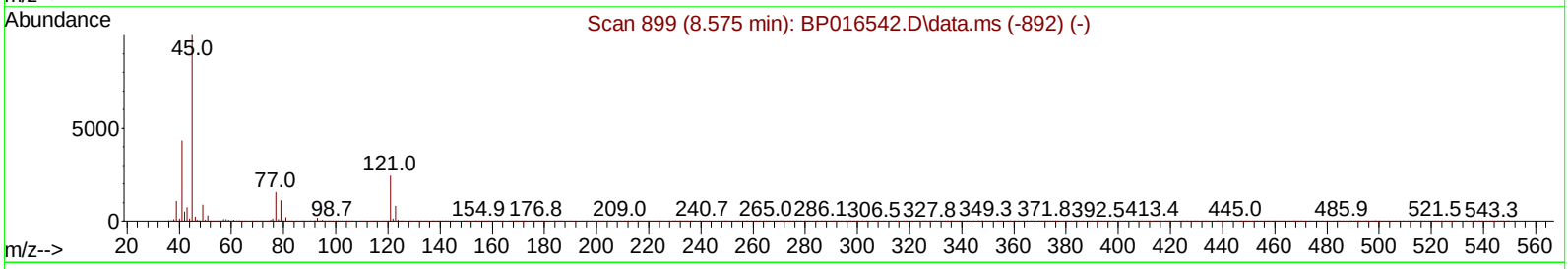

TIC: BP016544.D\data.ms

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

8.581min (+ 0.006) 80.81 ng/ul m

response 3605557

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.10	16.71
79.00	11.50	12.15
0.00	0.00	0.00

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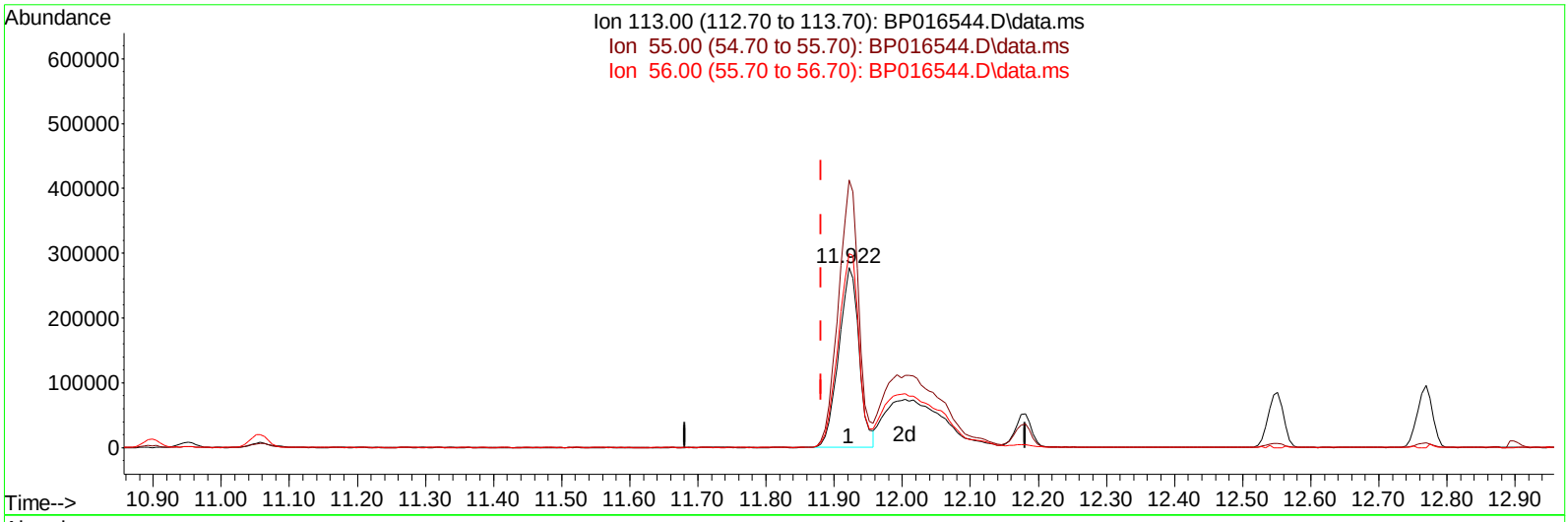

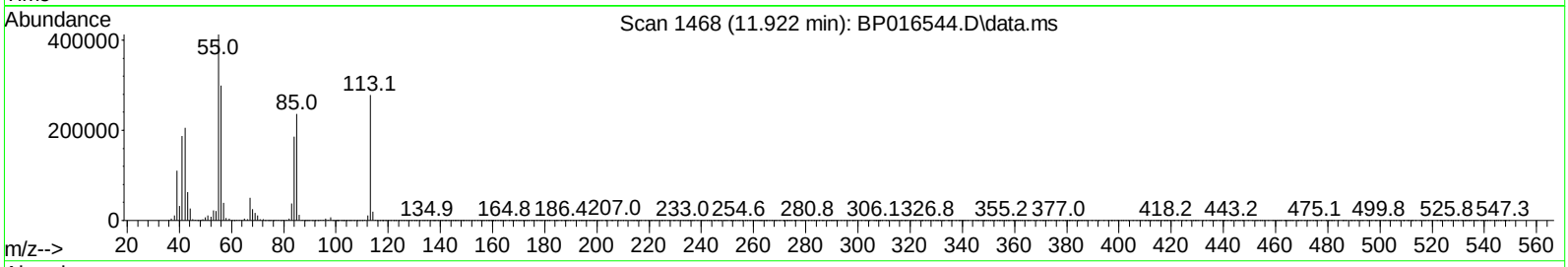

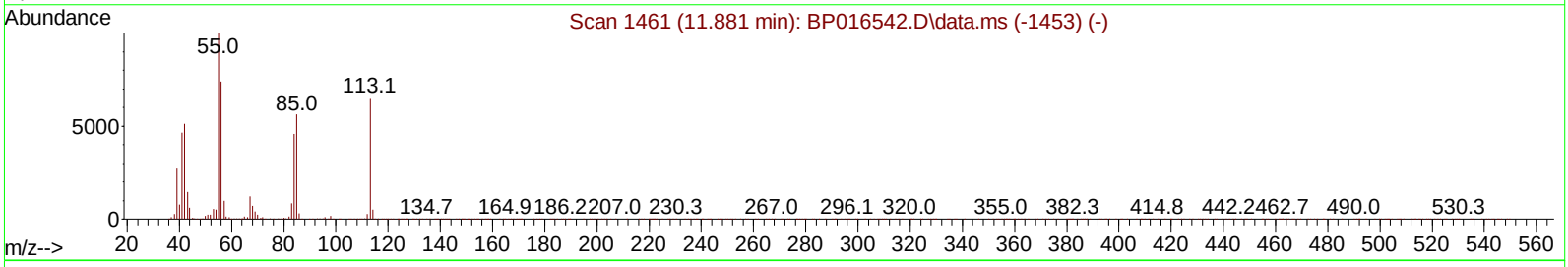

TIC: BP016544.D\data.ms

(34) Caprolactam

11.922min (+ 0.041) 51.12 ng/ul

response 574525

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.70	148.56
56.00	113.60	107.67
0.00	0.00	0.00

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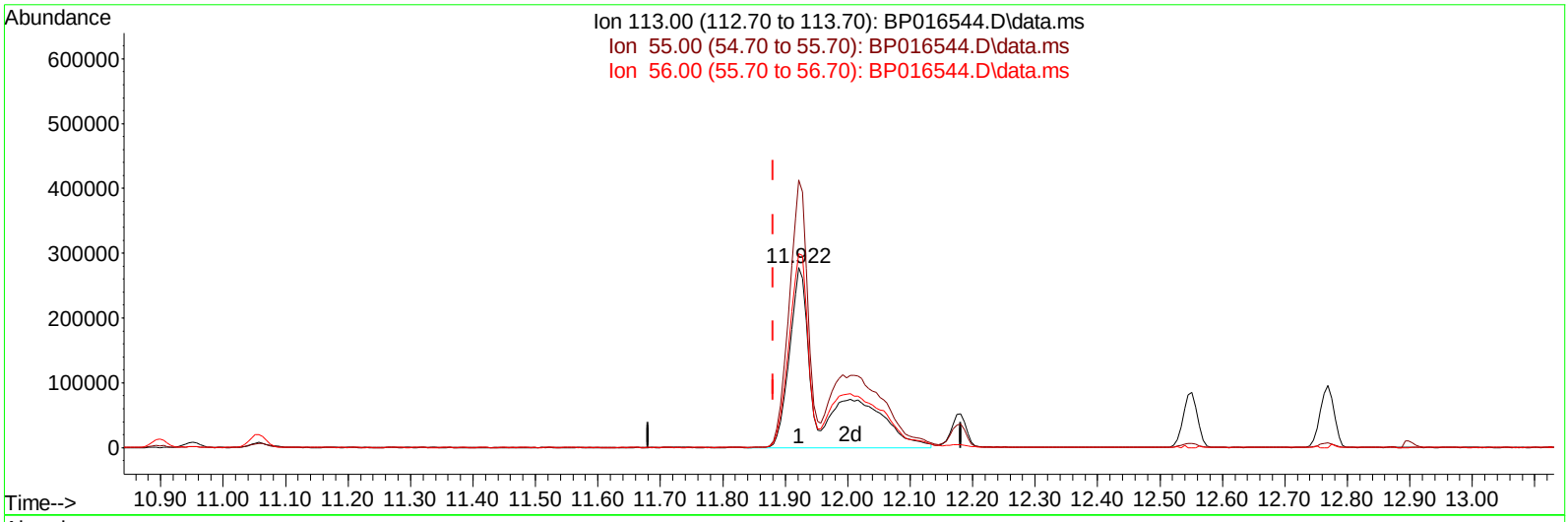

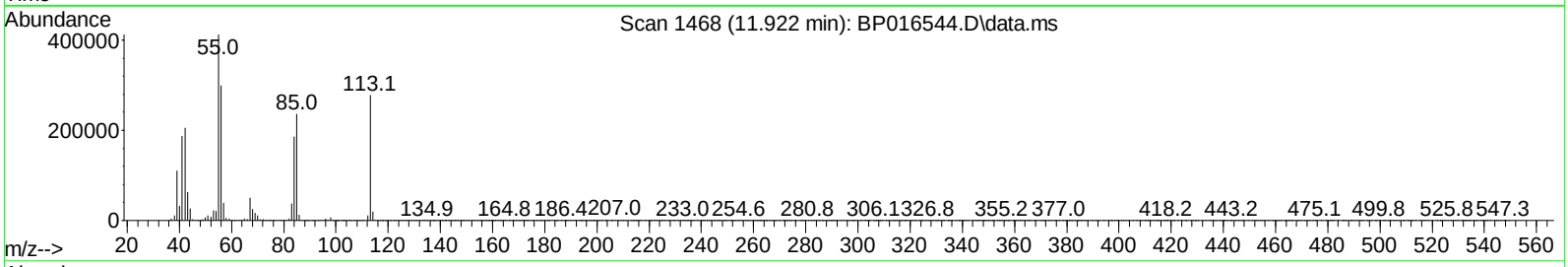

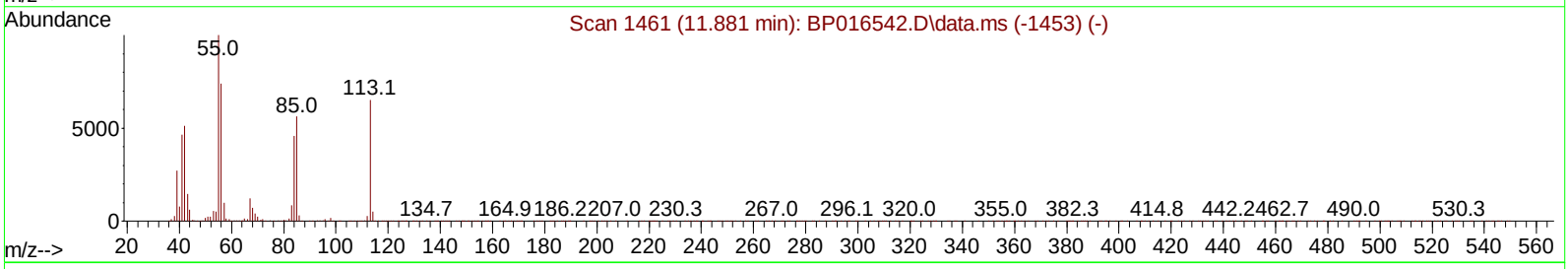

TIC: BP016544.D\data.ms

(34) Caprolactam

11.922min (+ 0.041) 91.23 ng/ul m

response 1025331

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.70	148.56
56.00	113.60	107.67
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/11/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	507136	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	2200158	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	1314387	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.480	188	2841750	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	2461974	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	2887314	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	412969	31.634	ng/uL	0.00
4) Pyridine-d5	3.834	84	2986738	82.112	ng/ul	0.00
7) Phenol-d5	7.205	99	3578894	84.896	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	2089353	80.568	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	2804335	85.688	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	2873439	85.071	ng/ul	0.01
21) Nitrobenzene-d5	9.269	128	1409915	89.434	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	1523999	99.642	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	2703528	87.840	ng/ul	0.01
31) 4-Chloroaniline-d4	11.057	131	3943302	83.470	ng/ul	0.01
46) Dimethylphthalate-d6	14.134	166	7507379	79.631	ng/ul	0.01
49) Acenaphthylene-d8	14.416	160	8665360	80.009	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	1633113	88.361	ng/ul	0.02
60) Fluorene-d10	15.716	176	6142897	76.375	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.839	200	1294934	96.145	ng/ul	0.02
73) Anthracene-d10	17.586	188	9315535	76.159	ng/ul	0.00
81) Pyrene-d10	19.816	212	10538373	77.740	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	11507191	83.069	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	440587	32.195	ng/uL	98
5) Pyridine	3.852	79	3035142	81.297	ng/ul	98
6) Benzaldehyde	7.216	77	1412059	64.571	ng/ul	100
8) Phenol	7.240	94	3663625	82.737	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.499	93	2947409	81.487	ng/ul	99
12) 2-Chlorophenol	7.622	128	2823692	83.037	ng/ul	99
13) 2-Methylphenol	8.504	108	2801491	84.486	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.581	45	3605557m	80.811	ng/ul	
16) Acetophenone	8.922	105	4209934	80.481	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.904	70	2125647	80.091	ng/ul	97
18) 4-Methylphenol	8.846	108	3011913	83.842	ng/ul	100
19) Hexachloroethane	9.140	117	1134158	80.899	ng/ul	97
22) Nitrobenzene	9.310	77	3276574	81.700	ng/ul	99
23) Isophorone	9.834	82	6361098	84.633	ng/ul	99
25) 2-Nitrophenol	10.016	139	1626321	92.165	ng/ul	98
26) 2,4-Dimethylphenol	10.051	107	3084837	81.150	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.316	93	3924409	79.231	ng/ul	100
29) 2,4-Dichlorophenol	10.534	162	2619620	83.398	ng/ul	100
30) Naphthalene	10.951	128	8708288	76.920	ng/ul	100
32) 4-Chloroaniline	11.081	127	3817778	82.186	ng/ul	99
33) Hexachlorobutadiene	11.187	225	1570329	79.431	ng/ul	99
34) Caprolactam	11.922	113	1025331m	91.230	ng/ul	
35) 4-Chloro-3-methylphenol	12.181	107	2948233	86.250	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/11/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.551	142	5894980	78.033	ng/ul	99
37) 1-Methylnaphthalene	12.769	142	5879036	77.490	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.898	216	3067674	79.872	ng/ul	100
40) Hexachlorocyclopentadiene	12.851	237	2057337	87.787	ng/ul	99
41) 2,4,6-Trichlorophenol	13.145	196	2122940	89.781	ng/ul	100
42) 2,4,5-Trichlorophenol	13.216	196	2294394	88.899	ng/ul	98
43) 1,1'-Biphenyl	13.557	154	7341255	75.357	ng/ul	98
44) 2-Chloronaphthalene	13.604	162	5917888	77.252	ng/ul	100
45) 2-Nitroaniline	13.834	65	1852598	91.541	ng/ul	95
47) Dimethylphthalate	14.181	163	7424338	77.793	ng/ul	99
48) 2,6-Dinitrotoluene	14.322	165	1667952	95.119	ng/ul	96
50) Acenaphthylene	14.451	152	9462184	75.577	ng/ul	99
51) 3-Nitroaniline	14.657	138	1484504	80.292	ng/ul	97
52) Acenaphthene	14.781	153	6225580	75.239	ng/ul	99
53) 2,4-Dinitrophenol	14.851	184	971633	103.065	ng/ul	94
55) 4-Nitrophenol	14.945	109	1157749	85.016	ng/ul	97
56) Dibenzofuran	15.122	168	8265139	72.878	ng/ul	98
57) 2,4-Dinitrotoluene	15.098	165	2273463	89.560	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.334	232	1894166	88.772	ng/ul	94
59) Diethylphthalate	15.533	149	7374323	78.013	ng/ul	99
61) Fluorene	15.769	166	6376758	69.666	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.757	204	3208142	71.419	ng/ul	98
63) 4-Nitroaniline	15.833	138	1304603	77.996	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.857	198	1401215	94.565	ng/ul#	96
67) N-Nitrosodiphenylamine	15.981	169	5916363	76.562	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	2250150	81.876	ng/ul	97
69) Hexachlorobenzene	16.745	284	2597138	80.428	ng/ul	97
70) Atrazine	16.939	200	2287452	83.725	ng/ul	99
71) Pentachlorophenol	17.104	266	1776742	90.333	ng/ul	99
72) Phenanthrene	17.528	178	10751422	73.282	ng/ul	98
74) Anthracene	17.622	178	10641763	72.689	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.510	216	3223583	81.083	ng/uL	98
76) Pentachlorobenzene	15.010	250	2832146	79.233	ng/uL	99
77) Carbazole	17.898	167	10131659	79.881	ng/ul	98
78) Di-n-butylphthalate	18.410	149	11748213	75.608	ng/ul	96
80) Fluoranthene	19.486	202	12210364	75.889	ng/ul	99
82) Pyrene	19.845	202	11900185	71.082	ng/ul	96
83) Butylbenzylphthalate	20.698	149	5707345	87.336	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	4518137	84.540	ng/ul	99
85) Benzo(a)anthracene	21.563	228	12627333	76.609	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.439	149	8033603	86.771	ng/ul	98
87) Chrysene	21.627	228	11510834	75.430	ng/ul	98
89) Di-n-octyl phthalate	22.427	149	13690102	85.477	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	13750715	80.634	ng/ul	98
91) Benzo(k)fluoranthene	23.427	252	12934088	75.435	ng/ul	99
93) Benzo(a)pyrene	24.068	252	12658593	79.235	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.951	276	15550878	83.875	ng/ul	99
95) Dibenzo(a,h)anthracene	26.980	278	12657729	81.960	ng/ul	98
96) Benzo(g,h,i)perylene	27.821	276	12517589	85.621	ng/ul	100

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

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