Quantitation Report (Qedit)

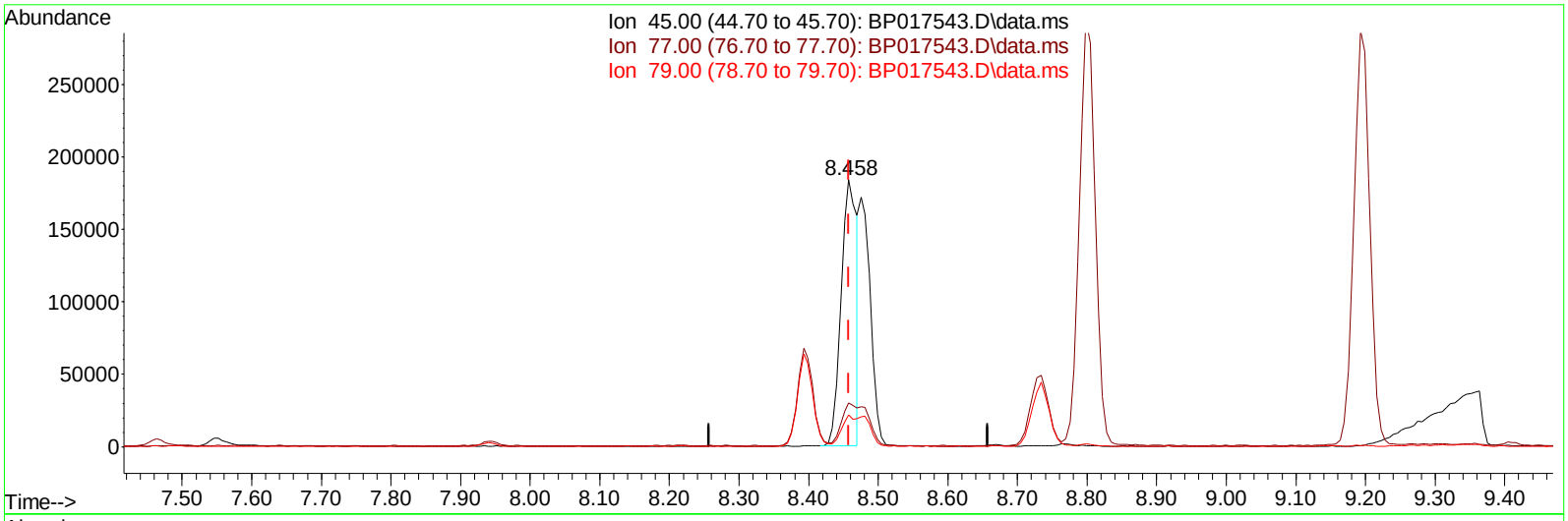
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017543.D
Acq On : 04 Oct 2023 21:41
Operator : MA/JU
Sample : 04679-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

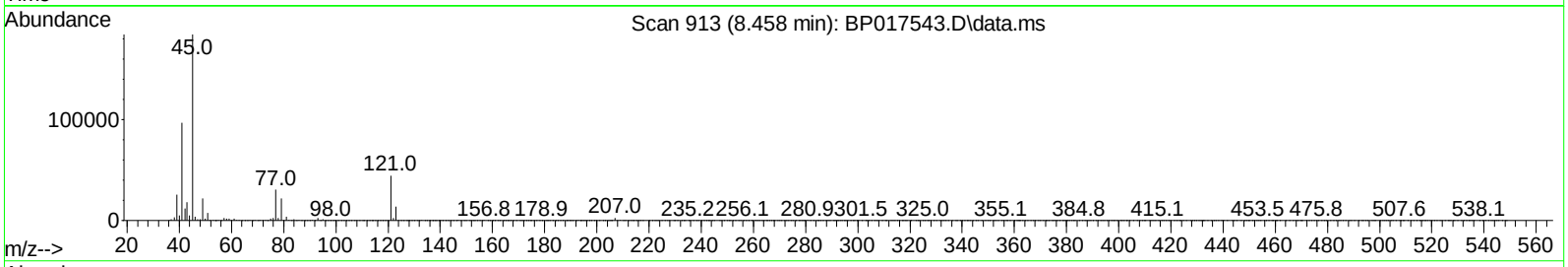
Quant Time: Oct 05 10:26:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:33:47 2023
Response via : Initial Calibration

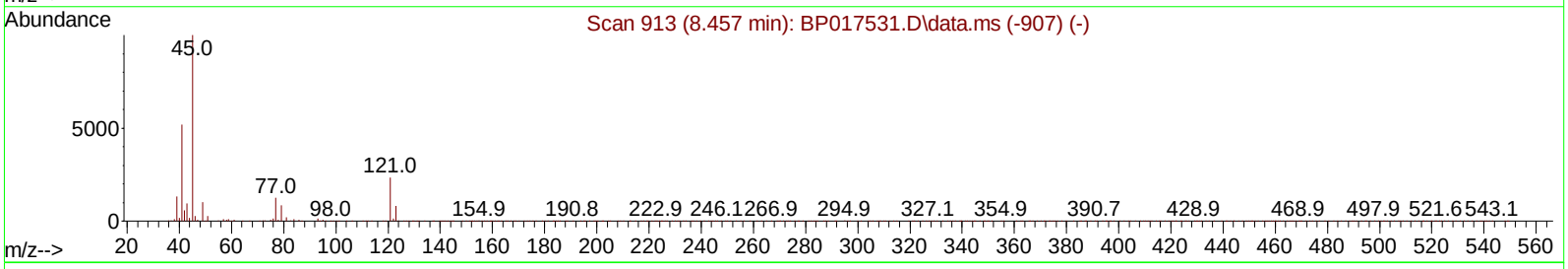
Instrument :
BNA_P
ClientSampleId :
PMW-4(20230927)MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BP017543.D\data.ms

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

8.458min (+ 0.000) 26.95 ng/ul

response 288130

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.10	16.52
79.00	11.20	11.96
0.00	0.00	0.00

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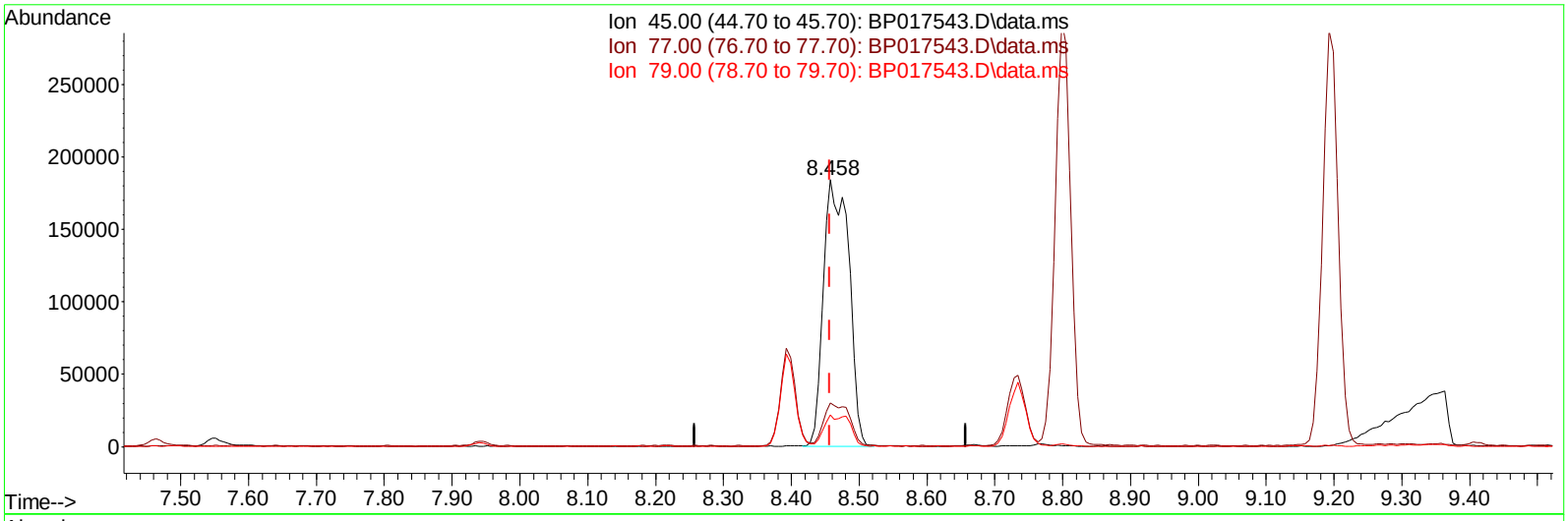

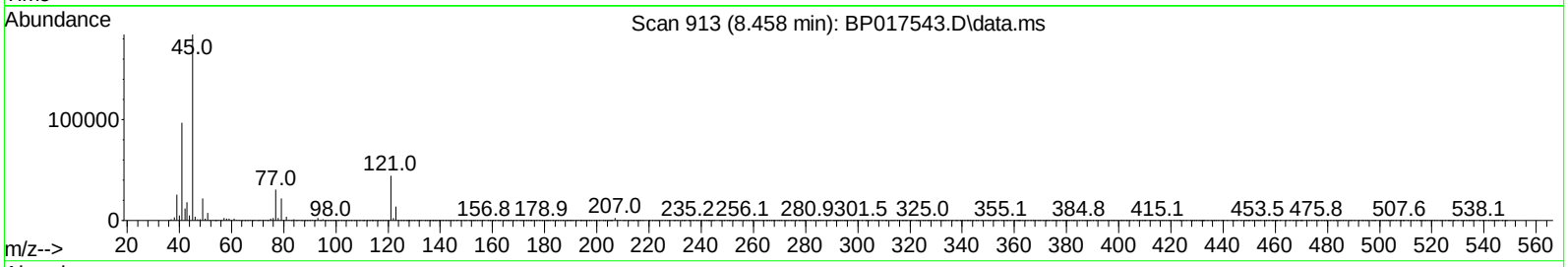

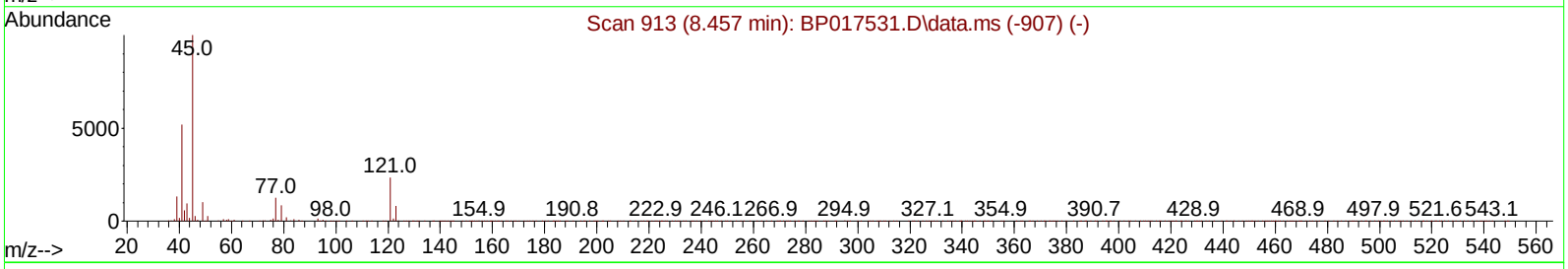

TIC: BP017543.D\data.ms

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

8.458min (+ 0.000) 44.97 ng/ul m

response 480903

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.10	16.52
79.00	11.20	11.96
0.00	0.00	0.00

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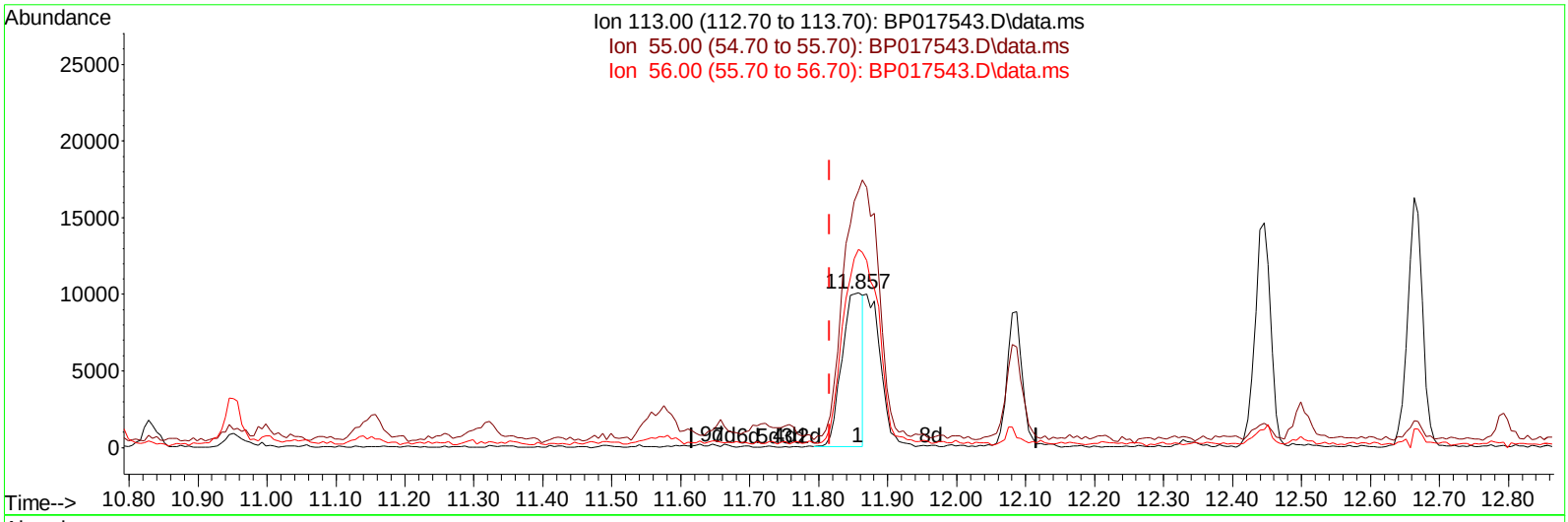

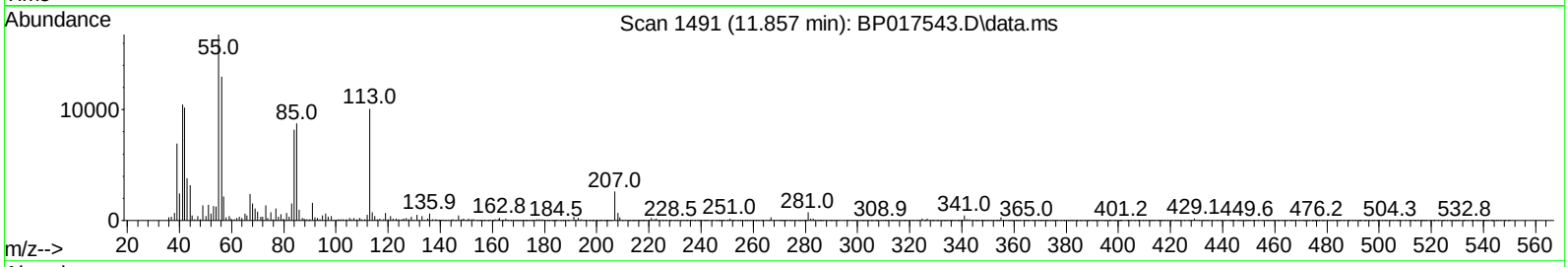

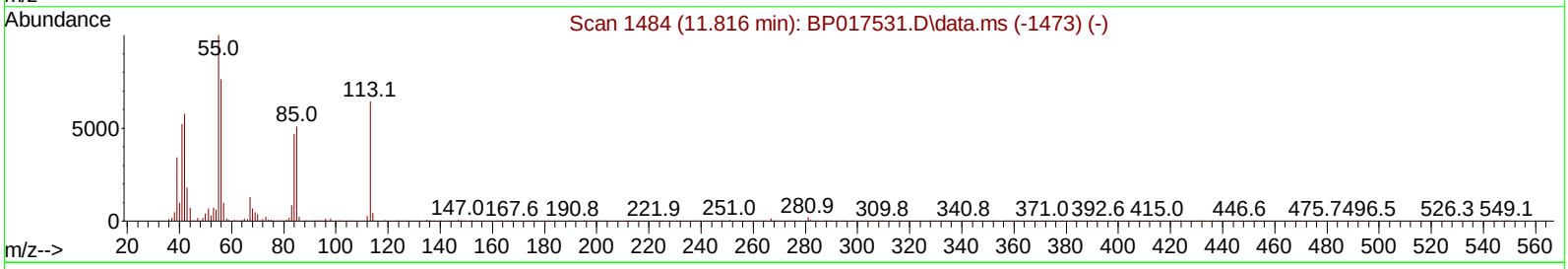

TIC: BP017543.D\data.ms

(34) Caprolactam

11.857min (+ 0.041) 8.93 ng/ul

response 21173

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.80	166.26
56.00	118.40	128.42
0.00	0.00	0.00

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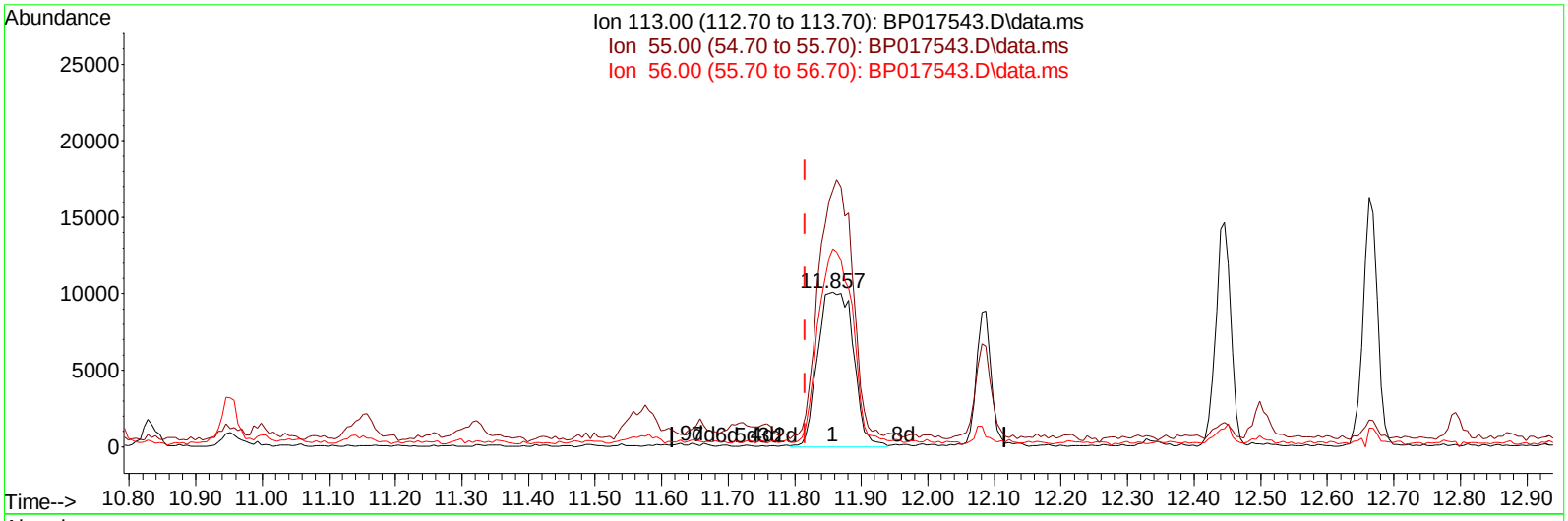

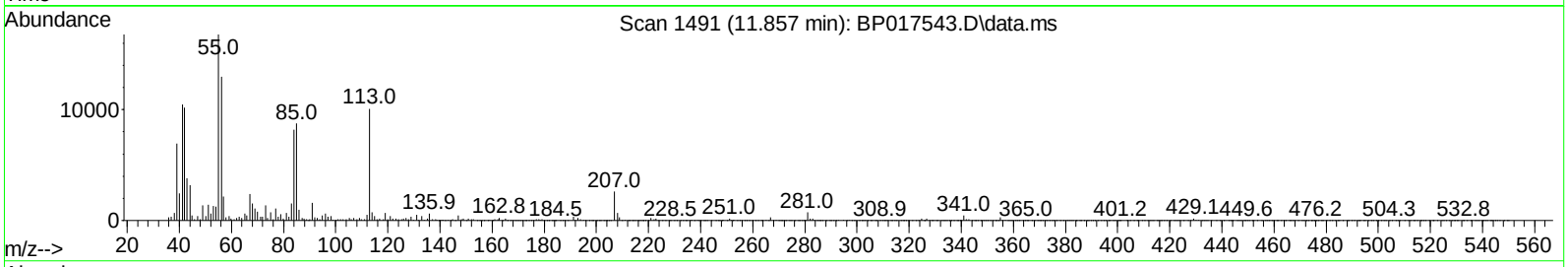

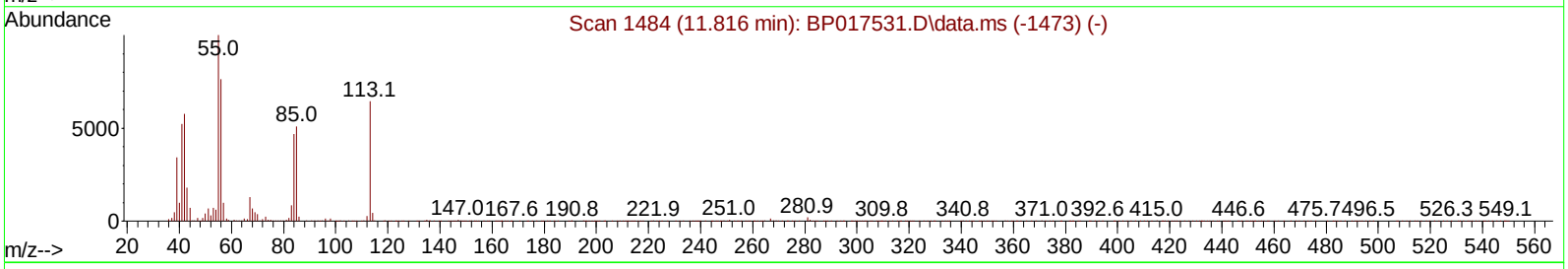

TIC: BP017543.D\data.ms

(34) Caprolactam

11.857min (+ 0.041) 15.81 ng/ul m

response 37489

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.80	166.26
56.00	118.40	128.42
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	119017	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	489330	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	301200	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.422	188	674273	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	685560	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	743464	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	12657	4.252	ng/uL	0.00
4) Pyridine-d5	3.734	84	103690	13.307	ng/ul	0.00
7) Phenol-d5	7.099	99	95868	9.574	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	245597	40.194	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	259743	32.943	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	189446	23.632	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	166453	44.216	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	188932	44.497	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	365898	46.484	ng/ul	0.00
31) 4-Chloroaniline-d4	10.952	131	399414	35.620	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	1321042	56.228	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	1364258	52.660	ng/ul	0.00
54) 4-Nitrophenol-d4	14.881	143	51371	12.486	ng/ul	0.00
60) Fluorene-d10	15.640	176	1096109	55.003	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	234264	55.729	ng/ul	0.00
73) Anthracene-d10	17.522	188	1820891	58.340	ng/ul	0.00
81) Pyrene-d10	19.775	212	2210068	58.016	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	2276242	60.668	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	18249	5.963	ng/uL#	89
5) Pyridine	3.752	79	122420	14.961	ng/ul	97
6) Benzaldehyde	7.099	77	265057	52.505	ng/ul	98
8) Phenol	7.128	94	109761	10.944	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.381	93	366079	45.079	ng/ul	99
12) 2-Chlorophenol	7.499	128	294057	36.849	ng/ul	99
13) 2-Methylphenol	8.393	108	230194	30.625	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.458	45	480903m	44.974	ng/ul	
16) Acetophenone	8.799	105	583483	46.152	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.769	70	311679	48.048	ng/ul	98
18) 4-Methylphenol	8.734	108	219910	27.037	ng/ul	98
19) Hexachloroethane	9.005	117	157283	44.401	ng/ul	99
22) Nitrobenzene	9.193	77	460554	47.564	ng/ul	99
23) Isophorone	9.710	82	918693	51.712	ng/ul	98
25) 2-Nitrophenol	9.899	139	216019	47.947	ng/ul	97
26) 2,4-Dimethylphenol	9.946	107	403775	45.202	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.199	93	513157	47.243	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	392086	51.299	ng/ul	96
30) Naphthalene	10.828	128	1227492	47.016	ng/ul	99
32) 4-Chloroaniline	10.975	127	407781	38.098	ng/ul	100
33) Hexachlorobutadiene	11.052	225	252757	45.538	ng/ul	100
34) Caprolactam	11.857	113	37489m	15.806	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	418384	51.867	ng/ul	100

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BNA_P
ClientSampleId :
PMW-4(20230927)MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.446	142	887113	49.726	ng/ul	99
37) 1-Methylnaphthalene	12.663	142	888559	48.546	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.793	216	505853	51.261	ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	204242	36.696	ng/ul	97
41) 2,4,6-Trichlorophenol	13.057	196	386361	61.435	ng/ul	100
42) 2,4,5-Trichlorophenol	13.128	196	419933	63.415	ng/ul	96
43) 1,1'-Biphenyl	13.463	154	1245274	54.008	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	996470	54.357	ng/ul	99
45) 2-Nitroaniline	13.757	65	342594	67.255	ng/ul	96
47) Dimethylphthalate	14.098	163	1441483	61.043	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	303260	68.917	ng/ul	96
50) Acenaphthylene	14.363	152	1724269	57.552	ng/ul	99
51) 3-Nitroaniline	14.592	138	170369	40.614	ng/ul	96
52) Acenaphthene	14.704	153	1139230	57.607	ng/ul	98
53) 2,4-Dinitrophenol	14.798	184	161289	61.921	ng/ul	95
55) 4-Nitrophenol	14.898	109	51329	13.893	ng/ul	95
56) Dibenzofuran	15.040	168	1631339	58.613	ng/ul	99
57) 2,4-Dinitrotoluene	15.040	165	451570	68.756	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.263	232	376424	64.225	ng/ul	99
59) Diethylphthalate	15.463	149	1494074	63.078	ng/ul	99
61) Fluorene	15.698	166	1408324	61.267	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.687	204	711955	60.460	ng/ul	98
63) 4-Nitroaniline	15.769	138	270075	68.499	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.798	198	272038	60.491	ng/ul#	97
67) N-Nitrosodiphenylamine	15.916	169	1205124	63.829	ng/ul	97
68) 4-Bromophenyl-phenylether	16.592	248	458675	64.166	ng/ul	99
69) Hexachlorobenzene	16.675	284	523191	62.150	ng/ul	96
70) Atrazine	16.881	200	375676	51.430	ng/ul	97
71) Pentachlorophenol	17.051	266	341940	67.098	ng/ul	99
72) Phenanthrene	17.469	178	2289585	63.092	ng/ul	99
74) Anthracene	17.563	178	2323127	62.808	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.416	216	515780	51.748	ng/uL	98
76) Pentachlorobenzene	14.928	250	535473	54.121	ng/uL	98
77) Carbazole	17.851	167	2175633	65.504	ng/ul	99
78) Di-n-butylphthalate	18.357	149	2728260	68.153	ng/ul	100
80) Fluoranthene	19.445	202	2867686	64.619	ng/ul	99
82) Pyrene	19.804	202	2951115	63.026	ng/ul	100
83) Butylbenzylphthalate	20.675	149	1328006	72.218	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	125290	8.043	ng/ul	99
85) Benzo(a)anthracene	21.539	228	3107447	64.699	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1934208	72.974	ng/ul	100
87) Chrysene	21.598	228	2857113	63.640	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	3341781	71.053	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	3101268	66.449	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	3067903	65.931	ng/ul	100
93) Benzo(a)pyrene	24.027	252	2901500	66.501	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.892	276	3606239	67.610	ng/ul	99
95) Dibenzo(a,h)anthracene	26.915	278	3020762	67.212	ng/ul	100
96) Benzo(g,h,i)perylene	27.745	276	2846272	66.521	ng/ul	99

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

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