Quantitation Report (Qedit)

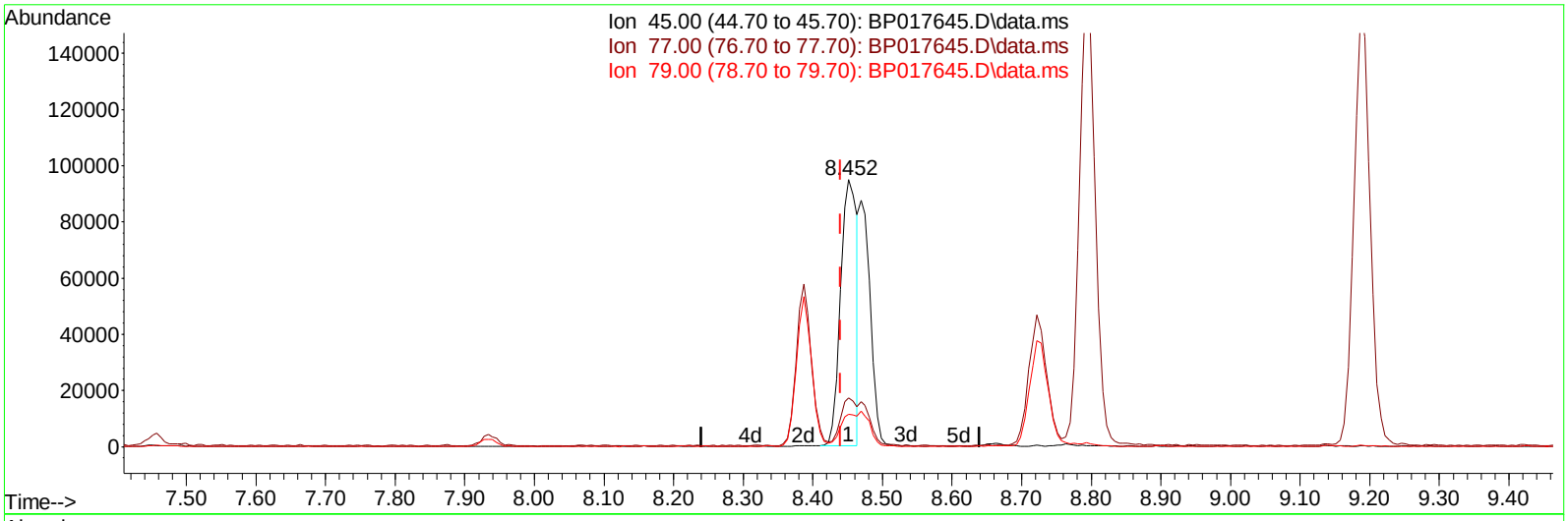
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101123\
Data File : BP017645.D
Acq On : 11 Oct 2023 09:43
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

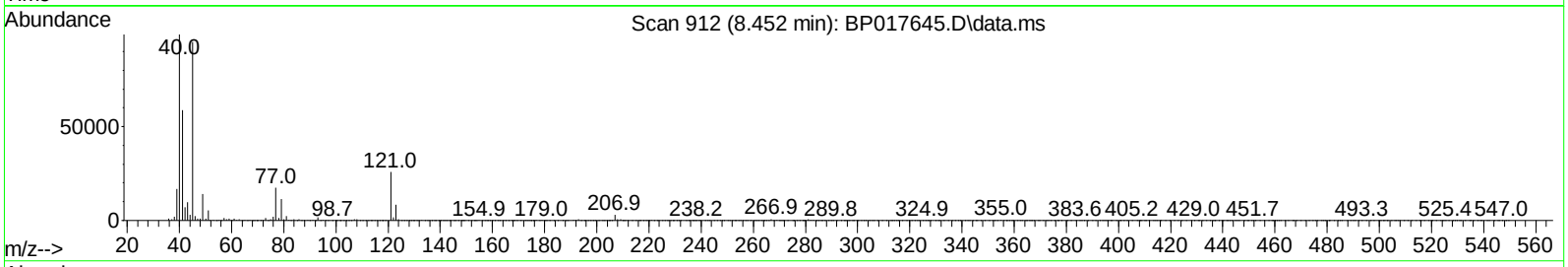
Quant Time: Oct 12 02:21:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 04:45:41 2023
Response via : Initial Calibration

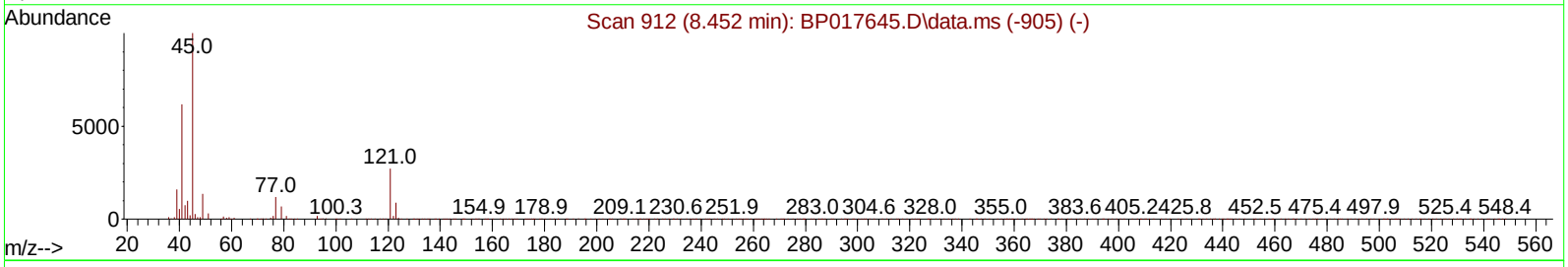
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023







TIC: BP017645.D\data.ms

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

8.452min (+ 0.012) 12.96 ng/ul

response 155127

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.80	18.28
79.00	13.00	12.12
0.00	0.00	0.00

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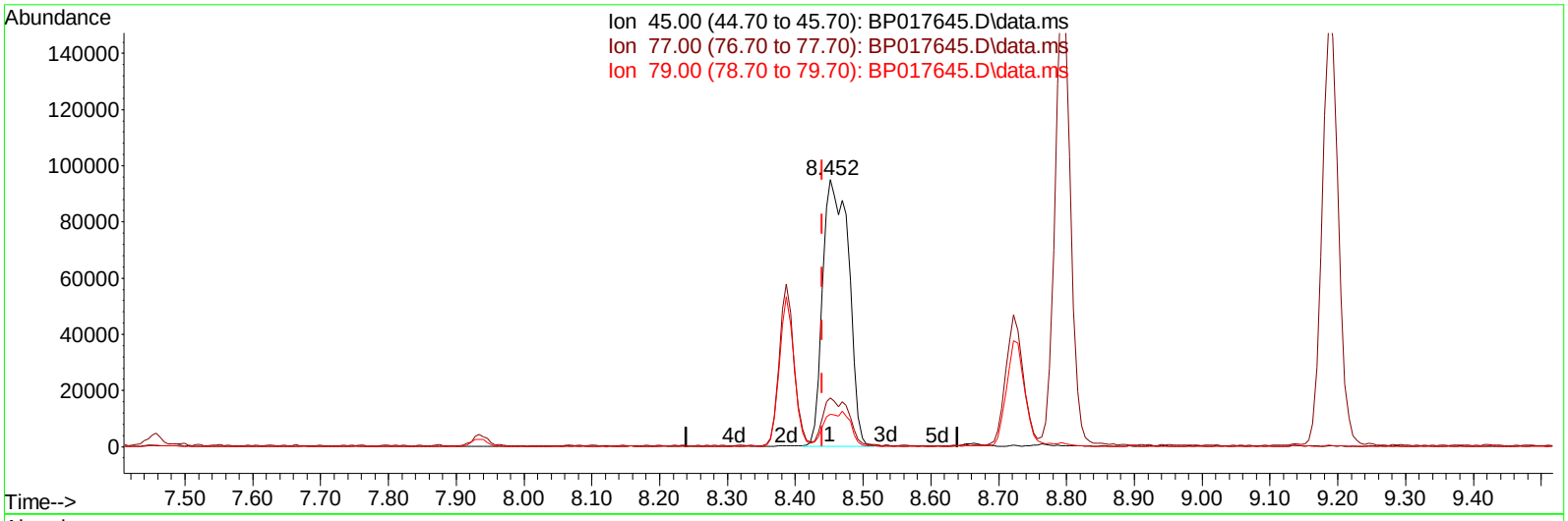

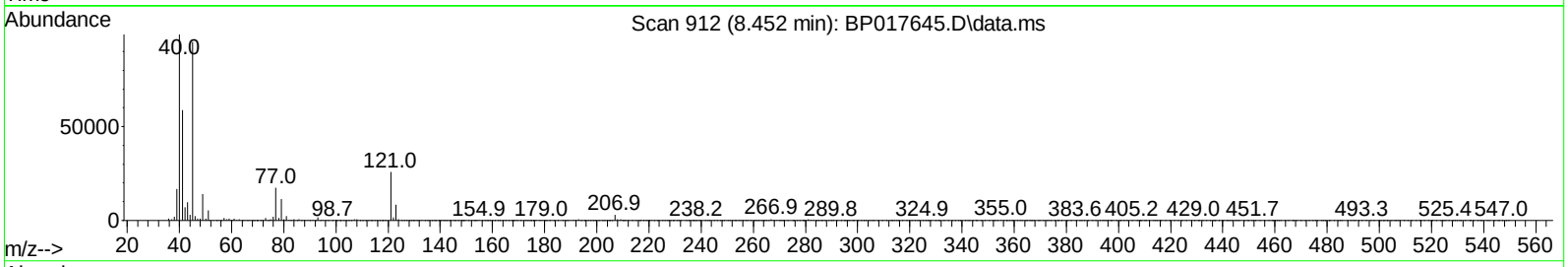

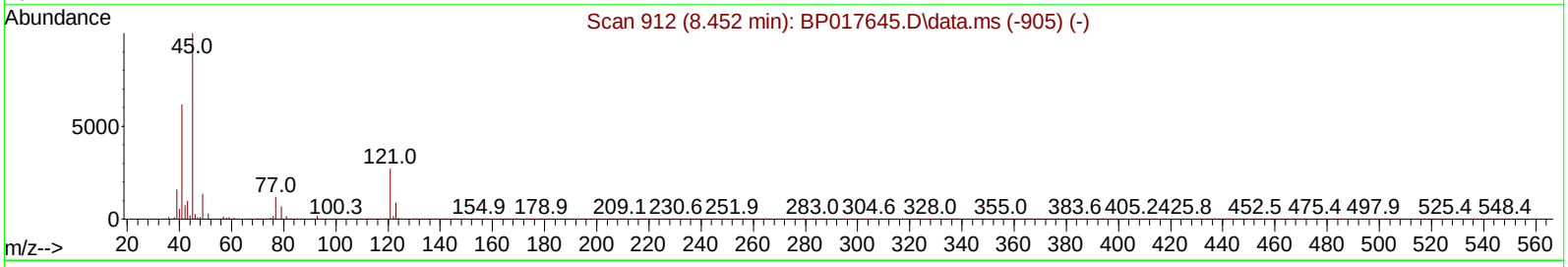

TIC: BP017645.D\data.ms

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

8.452min (+ 0.012) 21.15 ng/ul m

response 253110

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.80	18.28
79.00	13.00	12.12
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	132596	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	545703	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.634	164	358979	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.422	188	847816	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	950657	20.000	ng/ul	0.01
88) Perylene-d12	24.145	264	1092017	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	31812	9.734	ng/uL	0.00
4) Pyridine-d5	3.722	84	201948	21.950	ng/ul	0.00
7) Phenol-d5	7.093	99	238292	21.251	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.281	67	153847	22.123	ng/ul	0.01
11) 2-Chlorophenol-d4	7.452	132	196783	22.310	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	193561	21.430	ng/ul	0.01
21) Nitrobenzene-d5	9.146	128	93016	22.121	ng/ul	0.01
24) 2-Nitrophenol-d4	9.863	143	100259	21.709	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.387	165	202210	22.544	ng/ul	0.00
31) 4-Chloroaniline-d4	10.946	131	278003	21.762	ng/ul	0.01
46) Dimethylphthalate-d6	14.051	166	628402	22.048	ng/ul	0.01
49) Acenaphthylene-d8	14.334	160	705783	22.744	ng/ul	0.01
54) 4-Nitrophenol-d4	14.875	143	85647	19.826	ng/ul	0.01
60) Fluorene-d10	15.639	176	561691	22.534	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.781	200	106666	21.211	ng/ul	0.01
73) Anthracene-d10	17.528	188	927438	22.794	ng/ul	0.01
81) Pyrene-d10	19.780	212	1161174	21.414	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.974	264	1240812	21.917	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	31347	9.017	ng/uL	97
5) Pyridine	3.740	79	212026	22.267	ng/ul	96
6) Benzaldehyde	7.099	77	137855	25.067	ng/ul	99
8) Phenol	7.116	94	245316	21.590	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.375	93	199779	21.865	ng/ul	97
12) 2-Chlorophenol	7.487	128	201340	22.355	ng/ul	96
13) 2-Methylphenol	8.387	108	180413	21.391	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.452	45	253110m	21.148	ng/ul	
16) Acetophenone	8.793	105	309972	21.849	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.763	70	157675	21.997	ng/ul	97
18) 4-Methylphenol	8.722	108	196675	21.364	ng/ul	98
19) Hexachloroethane	8.999	117	88609	22.337	ng/ul	94
22) Nitrobenzene	9.187	77	251967	22.727	ng/ul	99
23) Isophorone	9.699	82	418996	21.587	ng/ul	97
25) 2-Nitrophenol	9.893	139	110310	22.147	ng/ul	98
26) 2,4-Dimethylphenol	9.934	107	234064	23.002	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.193	93	262432	21.725	ng/ul	98
29) 2,4-Dichlorophenol	10.416	162	198300	22.373	ng/ul	98
30) Naphthalene	10.822	128	664951	21.891	ng/ul	99
32) 4-Chloroaniline	10.969	127	272272	21.922	ng/ul	96
33) Hexachlorobutadiene	11.046	225	150780	22.406	ng/ul	97
34) Caprolactam	11.798	113	54409	20.768	ng/ul	86
35) 4-Chloro-3-methylphenol	12.081	107	206162	22.238	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.440	142	449969	21.703	ng/ul	99
37) 1-Methylnaphthalene	12.663	142	464866	21.750	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.792	216	271795	22.084	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	126945	20.468	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	169226	22.404	ng/ul	97
42) 2,4,5-Trichlorophenol	13.128	196	181475	22.789	ng/ul	97
43) 1,1'-Biphenyl	13.457	154	615230	21.826	ng/ul	100
44) 2-Chloronaphthalene	13.504	162	501996	22.159	ng/ul	98
45) 2-Nitroaniline	13.751	65	138283	23.296	ng/ul	96
47) Dimethylphthalate	14.098	163	627354	21.912	ng/ul	99
48) 2,6-Dinitrotoluene	14.245	165	118685	22.776	ng/ul	97
50) Acenaphthylene	14.363	152	808376	22.626	ng/ul	99
51) 3-Nitroaniline	14.592	138	112073	23.185	ng/ul#	97
52) Acenaphthene	14.698	153	543359	22.481	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	49329	15.123	ng/ul	98
55) 4-Nitrophenol	14.892	109	85831	21.704	ng/ul	97
56) Dibenzofuran	15.039	168	772923	22.292	ng/ul	96
57) 2,4-Dinitrotoluene	15.039	165	184270	23.420	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.257	232	169340	23.394	ng/ul	94
59) Diethylphthalate	15.457	149	636091	22.184	ng/ul	99
61) Fluorene	15.692	166	637743	22.412	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.686	204	340806	22.529	ng/ul	99
63) 4-Nitroaniline	15.769	138	107228	23.710	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.792	198	118440	22.074	ng/ul	97
67) N-Nitrosodiphenylamine	15.916	169	539776	22.586	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	215426	22.433	ng/ul	98
69) Hexachlorobenzene	16.675	284	252486	22.074	ng/ul	100
70) Atrazine	16.881	200	201436	21.656	ng/ul	98
71) Pentachlorophenol	17.051	266	144194	21.617	ng/ul	98
72) Phenanthrene	17.469	178	1065024	22.466	ng/ul	99
74) Anthracene	17.563	178	1085748	22.675	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.410	216	281646	22.094	ng/uL	98
76) Pentachlorobenzene	14.928	250	291804	22.454	ng/uL	98
77) Carbazole	17.857	167	965101	22.842	ng/ul	100
78) Di-n-butylphthalate	18.363	149	1089953	22.423	ng/ul	99
80) Fluoranthene	19.451	202	1323125	21.047	ng/ul	100
82) Pyrene	19.810	202	1423457	21.447	ng/ul	98
83) Butylbenzylphthalate	20.680	149	494522	21.084	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	429114	21.518	ng/ul	99
85) Benzo(a)anthracene	21.545	228	1520066	22.077	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.421	149	708179	21.441	ng/ul	99
87) Chrysene	21.604	228	1433725	22.282	ng/ul	100
89) Di-n-octyl phthalate	22.416	149	1272260	19.665	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1531508	21.683	ng/ul	98
91) Benzo(k)fluoranthene	23.398	252	1543129	21.679	ng/ul	100
93) Benzo(a)pyrene	24.033	252	1448248	22.042	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.892	276	1724537	21.955	ng/ul	98
95) Dibenzo(a,h)anthracene	26.921	278	1423470	22.129	ng/ul	98
96) Benzo(g,h,i)perylene	27.751	276	1422062	22.215	ng/ul	96

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

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