Quantitation Report (Qedit)

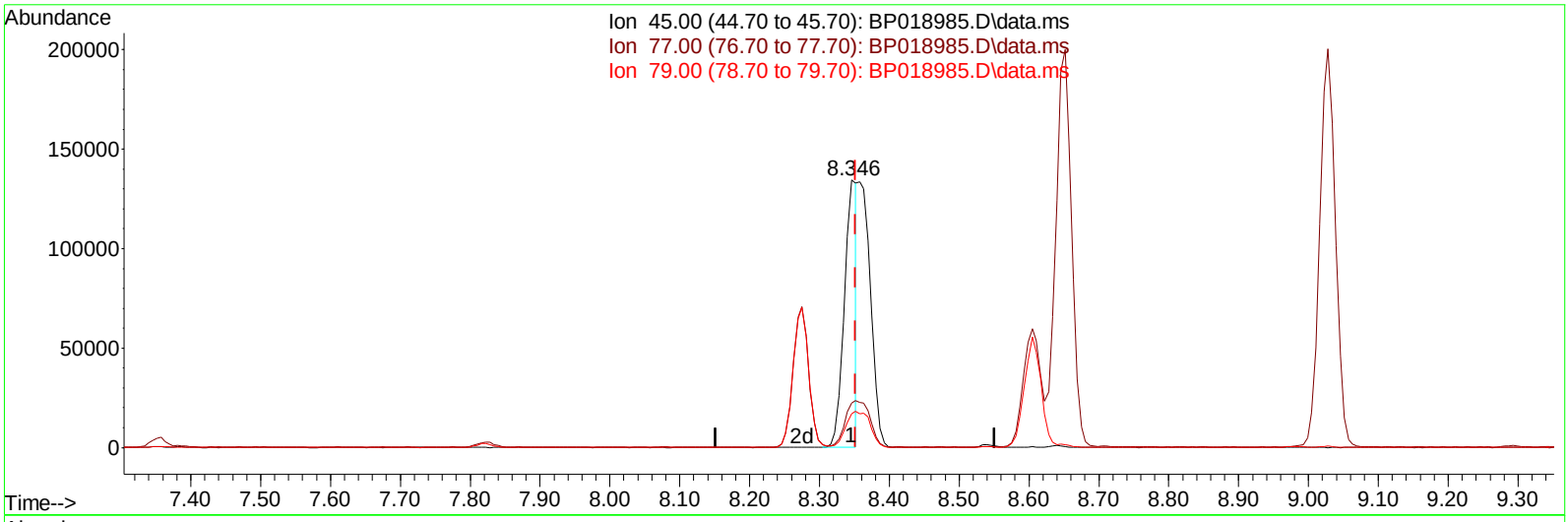
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018985.D
Acq On : 21 Dec 2023 05:37
Operator : MA/JU
Sample : PB157899BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

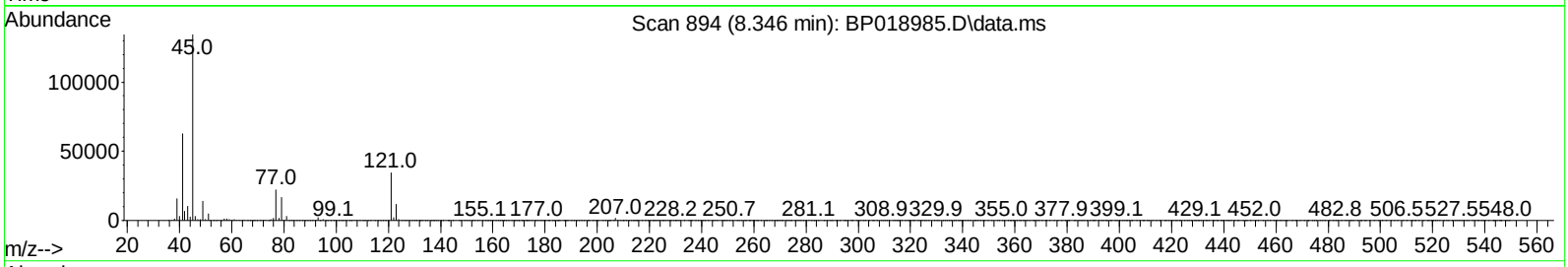
Quant Time: Dec 21 06:06:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
Response via : Initial Calibration

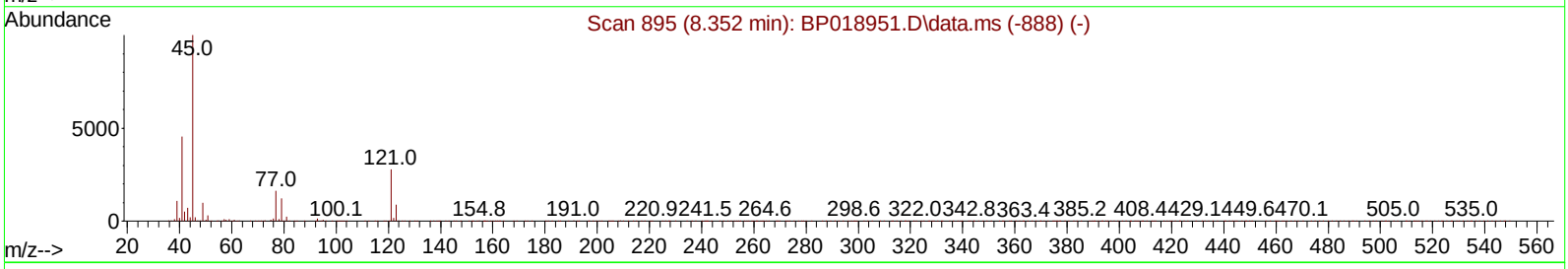
Instrument :
BNA_P
ClientSampleId :
SLCS899

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/22/2023







TIC: BP018985.D\data.ms

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

8.346min (-0.006) 12.74 ng/ul

response 165932

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.90	16.70
79.00	13.10	12.55
0.00	0.00	0.00

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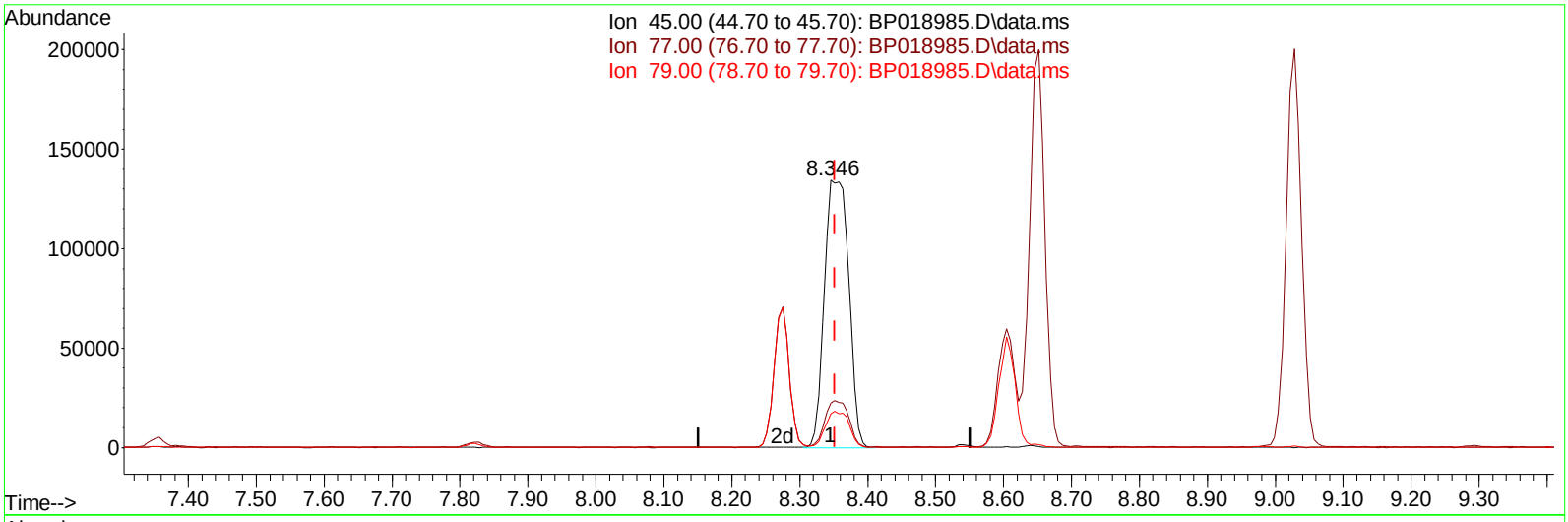

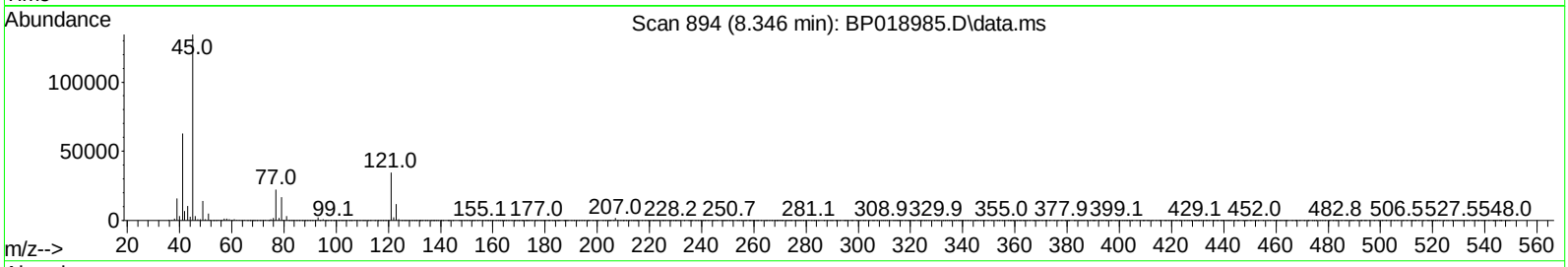

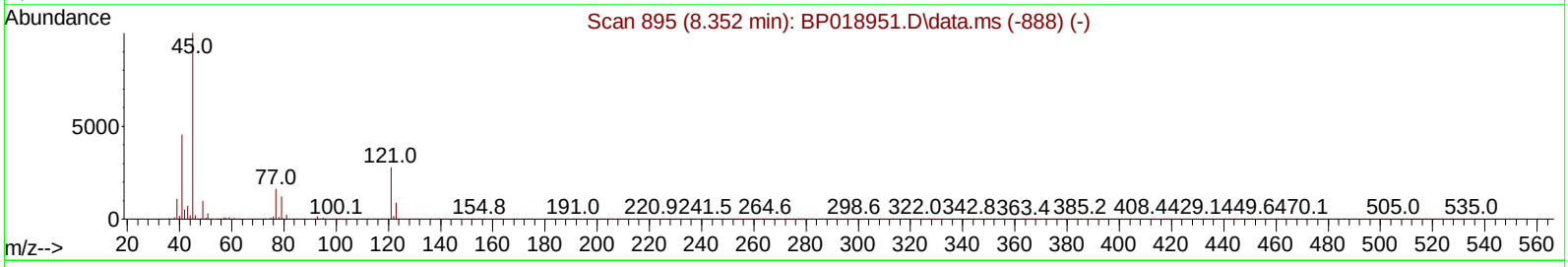

TIC: BP018985.D\data.ms

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

8.346min (-0.006) 25.71 ng/ul m

response 334771

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.90	16.70
79.00	13.10	12.55
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB157899BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Dec 21 06:06:36 2023
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Quant Title : SVOA CALIBRATION
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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	7.822	152	126977	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	459634	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	271052	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	612143	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	709418	20.000	ng/ul	# 0.00
88) Perylene-d12	23.657	264	896958	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	22379	6.006	ng/uL	0.00
4) Pyridine-d5	3.669	84	306976	30.757	ng/ul	0.00
7) Phenol-d5	6.999	99	363437	28.521	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	209631	27.757	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	293008	29.469	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	275255	26.692	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	133936	32.740	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	151388	35.694	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	293899	33.888	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	328467	28.981	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	780343	32.257	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	903151	33.904	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	138534	34.887	ng/ul	0.00
60) Fluorene-d10	15.451	176	682381	33.604	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	145719	39.701	ng/ul	0.00
73) Anthracene-d10	17.310	188	1074465	33.388	ng/ul	0.00
81) Pyrene-d10	19.545	212	1369884	24.807	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.510	264	1784788	34.127	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	44806	10.965	ng/uL	97
5) Pyridine	3.687	79	300309	29.795	ng/ul	97
6) Benzaldehyde	6.969	77	186500	28.348	ng/ul	97
8) Phenol	7.028	94	359965	28.806	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.252	93	285329	27.803	ng/ul	99
12) 2-Chlorophenol	7.387	128	294438	29.259	ng/ul	98
13) 2-Methylphenol	8.275	108	262581	27.447	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	334771m	25.708	ng/ul	
16) Acetophenone	8.652	105	419216	27.277	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.640	70	195965	23.178	ng/ul	98
18) 4-Methylphenol	8.604	108	277034	26.519	ng/ul	98
19) Hexachloroethane	8.893	117	125869	30.510	ng/ul	86
22) Nitrobenzene	9.028	77	316474	31.818	ng/ul	99
23) Isophorone	9.557	82	552604	27.249	ng/ul	96
25) 2-Nitrophenol	9.734	139	155661	34.278	ng/ul	95
26) 2,4-Dimethylphenol	9.804	107	270037	30.404	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.040	93	350616	27.385	ng/ul	99
29) 2,4-Dichlorophenol	10.269	162	275271	32.953	ng/ul	98
30) Naphthalene	10.669	128	873419	31.324	ng/ul	99
32) 4-Chloroaniline	10.787	127	289145	26.767	ng/ul	100
33) Hexachlorobutadiene	10.945	225	224030	40.044	ng/ul	99
34) Caprolactam	11.569	113	73932	28.863	ng/ul	93
35) 4-Chloro-3-methylphenol	11.916	107	263041	28.108	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.281	142	582708	29.499	ng/ul	100
37) 1-Methylnaphthalene	12.498	142	565796	28.362	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.645	216	373848	38.015	ng/ul	98
40) Hexachlorocyclopentadiene	12.622	237	204266	35.043	ng/ul	99
41) 2,4,6-Trichlorophenol	12.892	196	227371	35.941	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	243460	35.498	ng/ul	99
43) 1,1'-Biphenyl	13.292	154	762935	32.545	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	620728	33.526	ng/ul	97
45) 2-Nitroaniline	13.545	65	161049	32.086	ng/ul	99
47) Dimethylphthalate	13.922	163	758717	31.861	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	152528	33.902	ng/ul	95
50) Acenaphthylene	14.181	152	980278	32.731	ng/ul	99
51) 3-Nitroaniline	14.369	138	135468	30.164	ng/ul	100
52) Acenaphthene	14.522	153	635911	32.113	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	86446	36.254	ng/ul	95
55) 4-Nitrophenol	14.686	109	116852	38.949	ng/ul	83
56) Dibenzofuran	14.857	168	909693	33.053	ng/ul	100
57) 2,4-Dinitrotoluene	14.828	165	225578	35.644	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.086	232	217013	37.722	ng/ul	92
59) Diethylphthalate	15.286	149	746092	32.018	ng/ul	99
61) Fluorene	15.504	166	732133	33.618	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	404133	35.383	ng/ul	95
63) 4-Nitroaniline	15.533	138	152156	35.563	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.592	198	147917	37.694	ng/ul	93
67) N-Nitrosodiphenylamine	15.722	169	624121	30.768	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	265860	34.402	ng/ul	95
69) Hexachlorobenzene	16.510	284	317691	36.820	ng/ul	95
70) Atrazine	16.675	200	237607	39.400	ng/ul	98
71) Pentachlorophenol	16.857	266	195200	38.039	ng/ul	99
72) Phenanthrene	17.251	178	1197583	32.393	ng/ul	100
74) Anthracene	17.339	178	1213352	32.742	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	369926	34.950	ng/uL	99
76) Pentachlorobenzene	14.775	250	357308	34.366	ng/uL	98
77) Carbazole	17.616	167	1088951	36.870	ng/ul	100
78) Di-n-butylphthalate	18.169	149	1246026	31.683	ng/ul	99
80) Fluoranthene	19.222	202	1523619	23.341	ng/ul#	94
82) Pyrene	19.574	202	1611762	24.476	ng/ul#	92
83) Butylbenzylphthalate	20.451	149	609419	25.279	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.221	252	601984	34.919	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1861388	32.326	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	899366	27.143	ng/ul#	99
87) Chrysene	21.339	228	1734524	32.710	ng/ul	100
89) Di-n-octyl phthalate	22.121	149	1662300	25.383	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	2052634	31.038	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	2024861	31.644	ng/ul#	98
93) Benzo(a)pyrene	23.557	252	1969857	32.598	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.121	276	2560273	35.461	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.133	278	2111858	35.162	ng/ul#	96
96) Benzo(g,h,i)perylene	26.868	276	2041001	35.127	ng/ul#	93

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

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