Quantitation Report (Qedit)

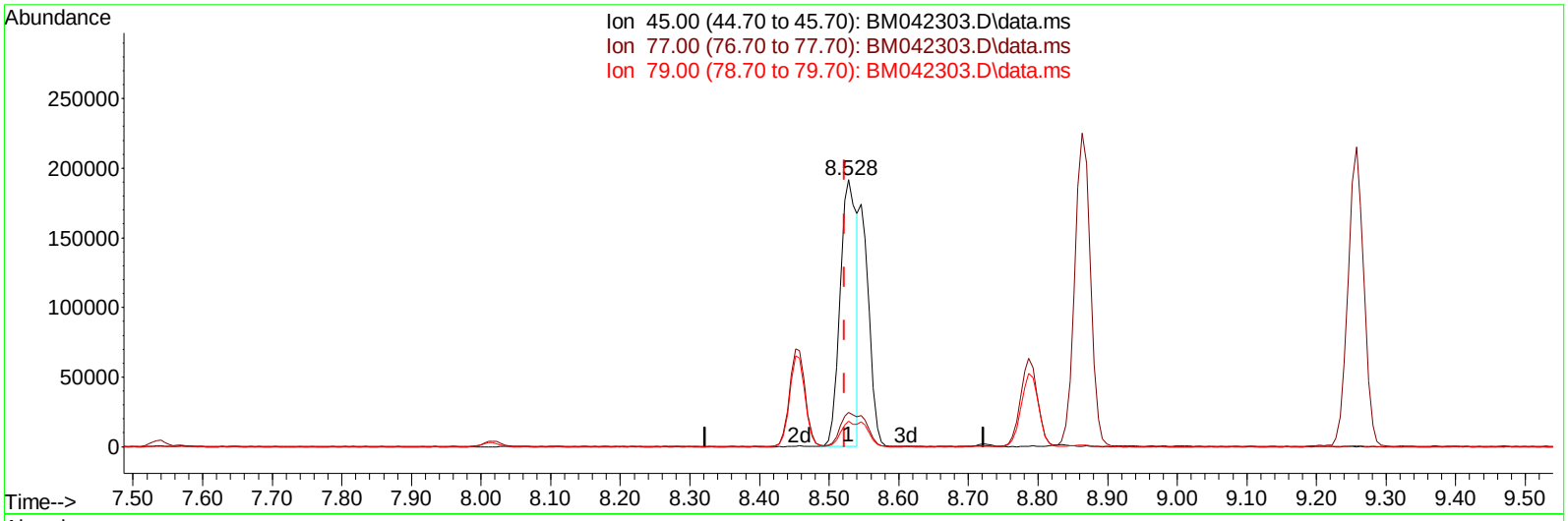
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101623\
Data File : BM042303.D
Acq On : 16 Oct 2023 17:45
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

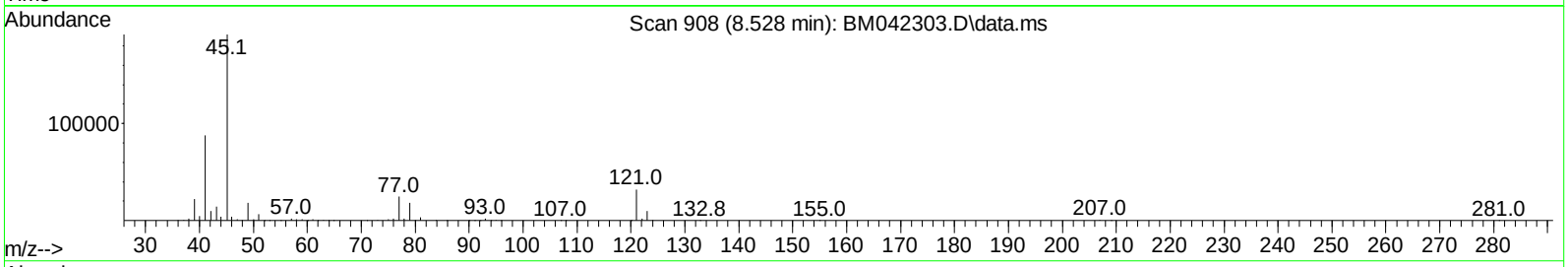
Quant Time: Oct 17 01:28:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:38:21 2023
Response via : Initial Calibration

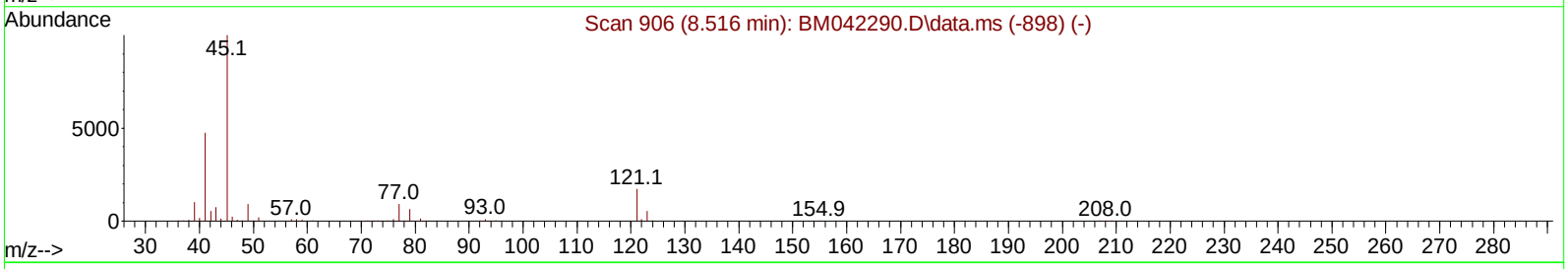
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023







TIC: BM042303.D\data.ms

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

8.528min (+ 0.006) 13.82 ng/ul

response 318733

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.10	12.80
79.00	9.10	9.50
0.00	0.00	0.00

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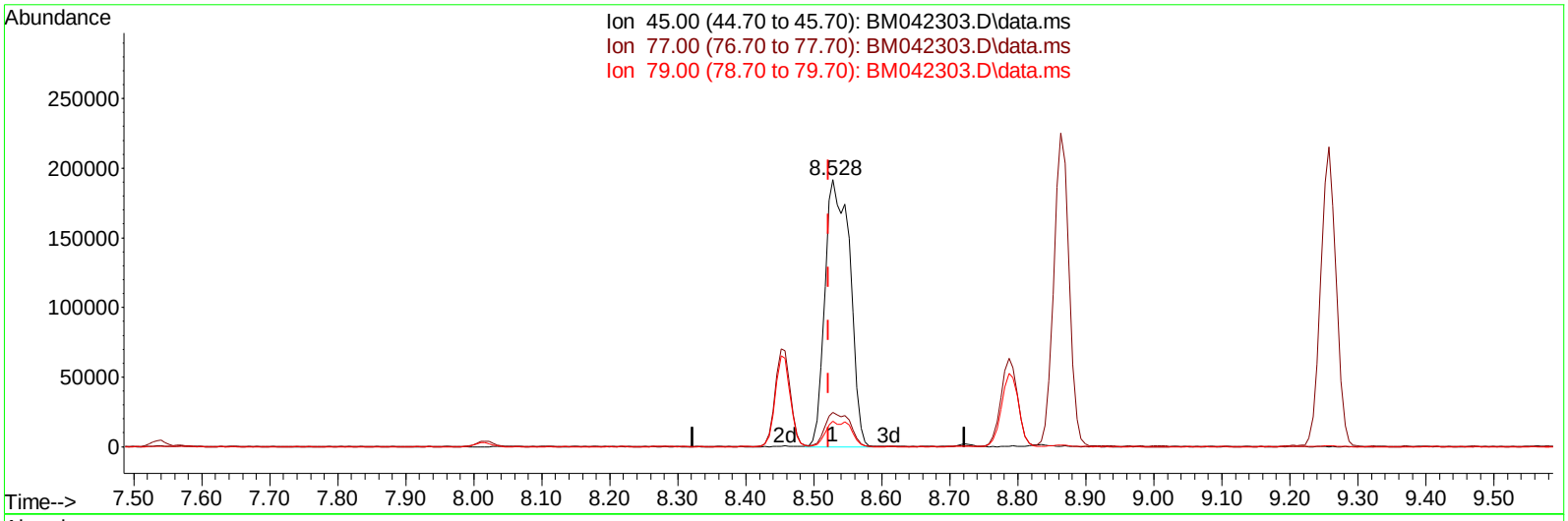

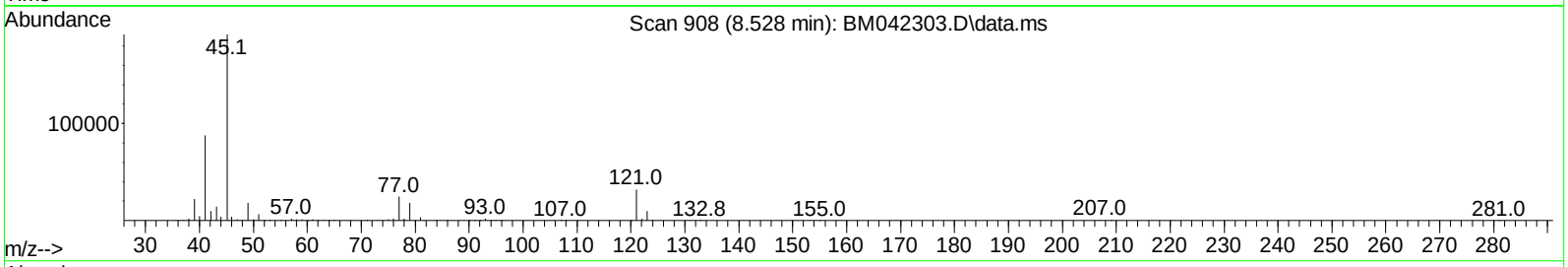

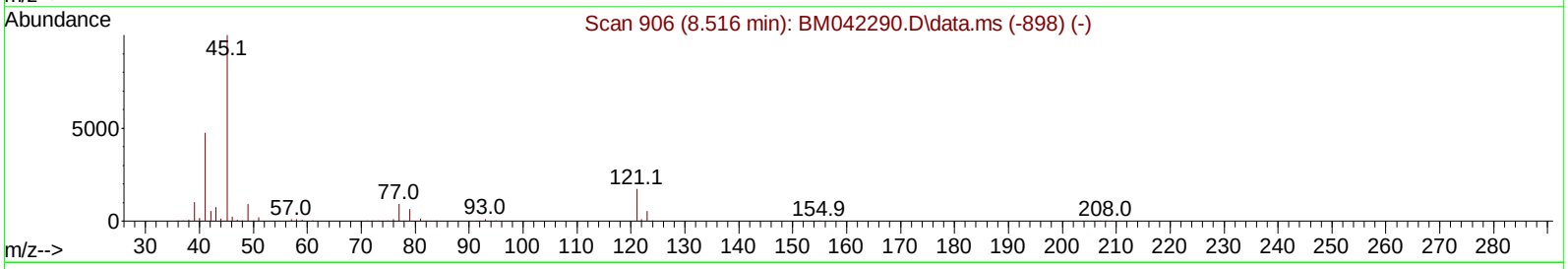

TIC: BM042303.D\data.ms

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

8.528min (+ 0.006) 21.21 ng/ul m

response 489182

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.10	12.80
79.00	9.10	9.50
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	8.016	152	145519	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	673058	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	410531	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	860338	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	835891	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	858698	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	37826	8.122	ng/uL	0.00
4) Pyridine-d5	3.805	84	290794	21.082	ng/ul	0.00
7) Phenol-d5	7.163	99	329016	20.401	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	231954	21.286	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	226698	20.434	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	254919	19.959	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	115221	20.157	ng/ul	0.00
24) 2-Nitrophenol-d4	9.928	143	121772	19.928	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.452	165	227466	20.398	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	346854	19.755	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	706761	19.860	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	807353	20.728	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	139564	19.498	ng/ul	0.00
60) Fluorene-d10	15.651	176	591951	20.235	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	109495	18.168	ng/ul	0.00
73) Anthracene-d10	17.510	188	904108	20.514	ng/ul	0.00
81) Pyrene-d10	19.798	212	1031878	20.255	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	968081	20.539	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	42100	8.247	ng/uL	99
5) Pyridine	3.828	79	297003	20.799	ng/ul	98
6) Benzaldehyde	7.175	77	209245	25.381	ng/ul	97
8) Phenol	7.193	94	330462	20.290	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.452	93	284102	21.006	ng/ul	98
12) 2-Chlorophenol	7.569	128	237738	20.516	ng/ul	100
13) 2-Methylphenol	8.452	108	240516	19.786	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.528	45	489182m	21.214	ng/ul	
16) Acetophenone	8.863	105	415413	20.951	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.834	70	245432	20.914	ng/ul	99
18) 4-Methylphenol	8.787	108	265996	19.856	ng/ul	99
19) Hexachloroethane	9.081	117	101649	20.792	ng/ul	96
22) Nitrobenzene	9.257	77	338517	20.938	ng/ul	98
23) Isophorone	9.769	82	653798	20.856	ng/ul	99
25) 2-Nitrophenol	9.957	139	138204	20.668	ng/ul	98
26) 2,4-Dimethylphenol	9.999	107	290680	20.455	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.252	93	405890	20.707	ng/ul	98
29) 2,4-Dichlorophenol	10.475	162	218742	20.085	ng/ul	98
30) Naphthalene	10.893	128	806842	20.450	ng/ul	100
32) 4-Chloroaniline	11.022	127	348136	20.514	ng/ul	99
33) Hexachlorobutadiene	11.116	225	127218	20.236	ng/ul	98
34) Caprolactam	11.840	113	72173	18.149	ng/ul	96
35) 4-Chloro-3-methylphenol	12.116	107	270983	20.200	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.493	142	545412	20.196	ng/ul	99
37) 1-Methylnaphthalene	12.710	142	558292	20.454	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.840	216	260159	20.126	ng/ul	98
40) Hexachlorocyclopentadiene	12.787	237	142924	17.084	ng/ul	98
41) 2,4,6-Trichlorophenol	13.093	196	172564	19.967	ng/ul	98
42) 2,4,5-Trichlorophenol	13.163	196	185323	19.973	ng/ul	97
43) 1,1'-Biphenyl	13.498	154	713295	20.272	ng/ul	98
44) 2-Chloronaphthalene	13.545	162	553991	20.541	ng/ul	99
45) 2-Nitroaniline	13.775	65	203988	21.038	ng/ul	99
47) Dimethylphthalate	14.122	163	704181	19.885	ng/ul	100
48) 2,6-Dinitrotoluene	14.263	165	130254	20.318	ng/ul	99
50) Acenaphthylene	14.387	152	939754	20.892	ng/ul	100
51) 3-Nitroaniline	14.604	138	151608	20.063	ng/ul	98
52) Acenaphthene	14.722	153	624110	20.654	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	70692	16.292	ng/ul	97
55) 4-Nitrophenol	14.887	109	113650	19.573	ng/ul	98
56) Dibenzofuran	15.057	168	828881	20.419	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	197128	20.854	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.269	232	157389	20.212	ng/ul	96
59) Diethylphthalate	15.469	149	742740	20.547	ng/ul	100
61) Fluorene	15.704	166	694215	20.619	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.698	204	332107	20.429	ng/ul	98
63) 4-Nitroaniline	15.763	138	151184	22.371	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.792	198	119852	19.016	ng/ul	99
67) N-Nitrosodiphenylamine	15.916	169	574739	20.998	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	188370	20.356	ng/ul	97
69) Hexachlorobenzene	16.675	284	211488	20.101	ng/ul	99
70) Atrazine	16.863	200	180819	19.253	ng/ul	98
71) Pentachlorophenol	17.033	266	129495	18.164	ng/ul	95
72) Phenanthrene	17.451	178	1087391	20.604	ng/ul	100
74) Anthracene	17.545	178	1119412	21.088	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	258865	20.308	ng/uL	99
76) Pentachlorobenzene	14.951	250	258675	20.667	ng/uL	98
77) Carbazole	17.828	167	1005213	20.789	ng/ul	100
78) Di-n-butylphthalate	18.351	149	1290152	21.078	ng/ul	99
80) Fluoranthene	19.463	202	1224347	20.295	ng/ul	99
82) Pyrene	19.827	202	1314869	20.731	ng/ul	99
83) Butylbenzylphthalate	20.710	149	571195	21.127	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.515	252	376211	18.841	ng/ul	99
85) Benzo(a)anthracene	21.574	228	1303277	20.553	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	856038	21.430	ng/ul	99
87) Chrysene	21.627	228	1190907	20.422	ng/ul	100
89) Di-n-octyl phthalate	22.404	149	1509136	21.758	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	1222395	20.950	ng/ul	100
91) Benzo(k)fluoranthene	23.351	252	1214092	21.038	ng/ul	99
93) Benzo(a)pyrene	23.957	252	1143007	20.933	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.668	276	1311983	19.784	ng/ul	100
95) Dibenzo(a,h)anthracene	26.686	278	1092975	19.868	ng/ul	98
96) Benzo(g,h,i)perylene	27.480	276	1010107	19.471	ng/ul	99

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

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