Quantitation Report (Qedit)

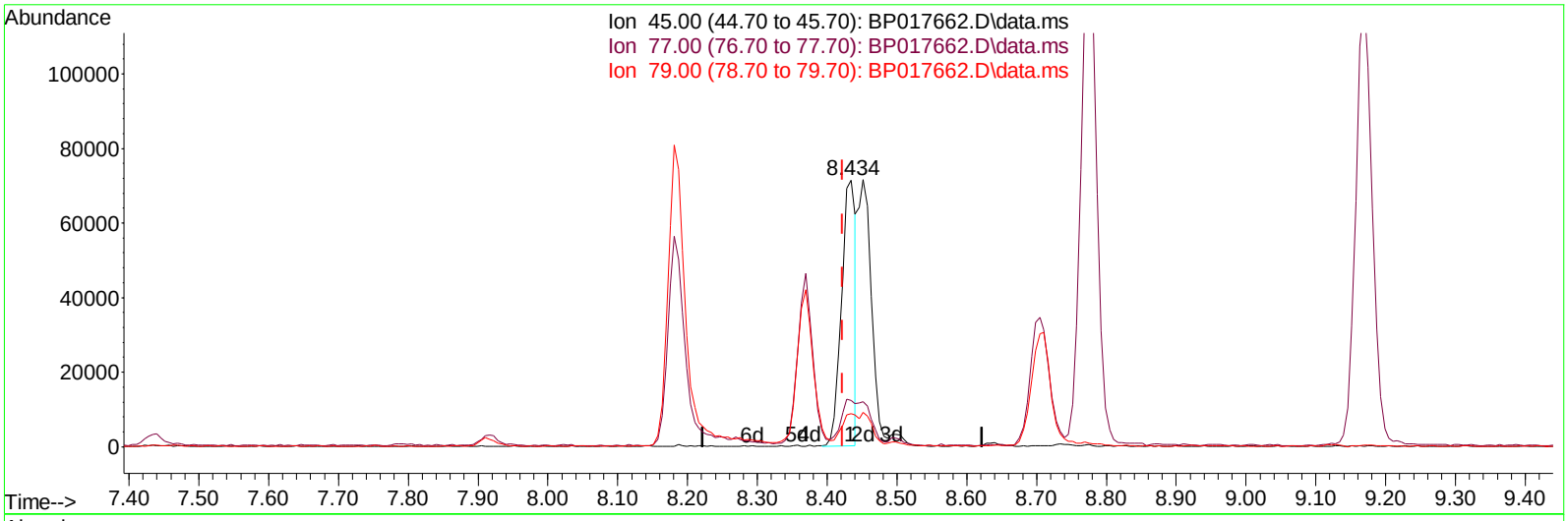
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101223\
Data File : BP017662.D
Acq On : 12 Oct 2023 18:06
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

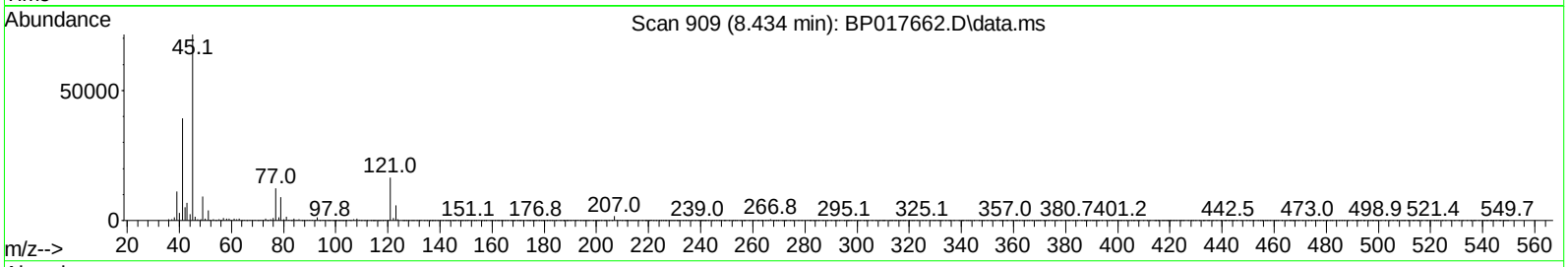
Quant Time: Oct 12 18:41:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 16:14:36 2023
Response via : Initial Calibration

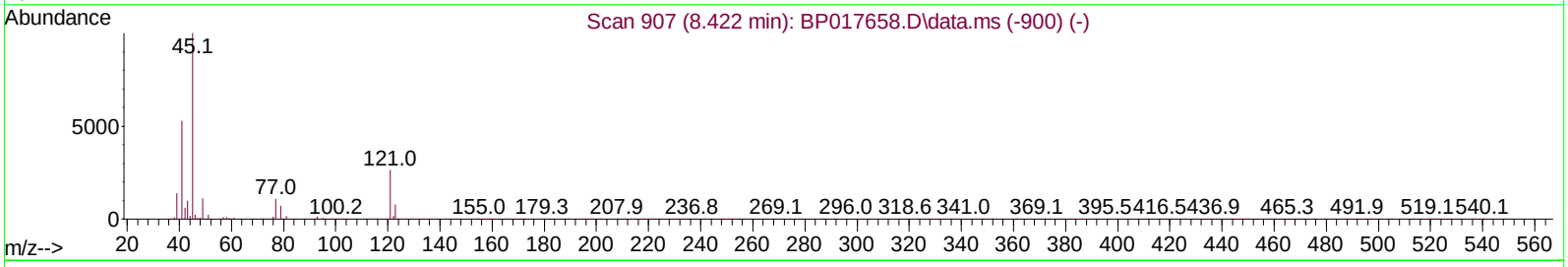
Instrument :
BNA_P
ClientSampleId :
SICV644

Manual IntegrationsAPPROVED

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







TIC: BP017662.D\data.ms

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

8.434min (+ 0.012) 8.76 ng/ul

response 99665

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.30	17.35
79.00	11.90	12.47
0.00	0.00	0.00

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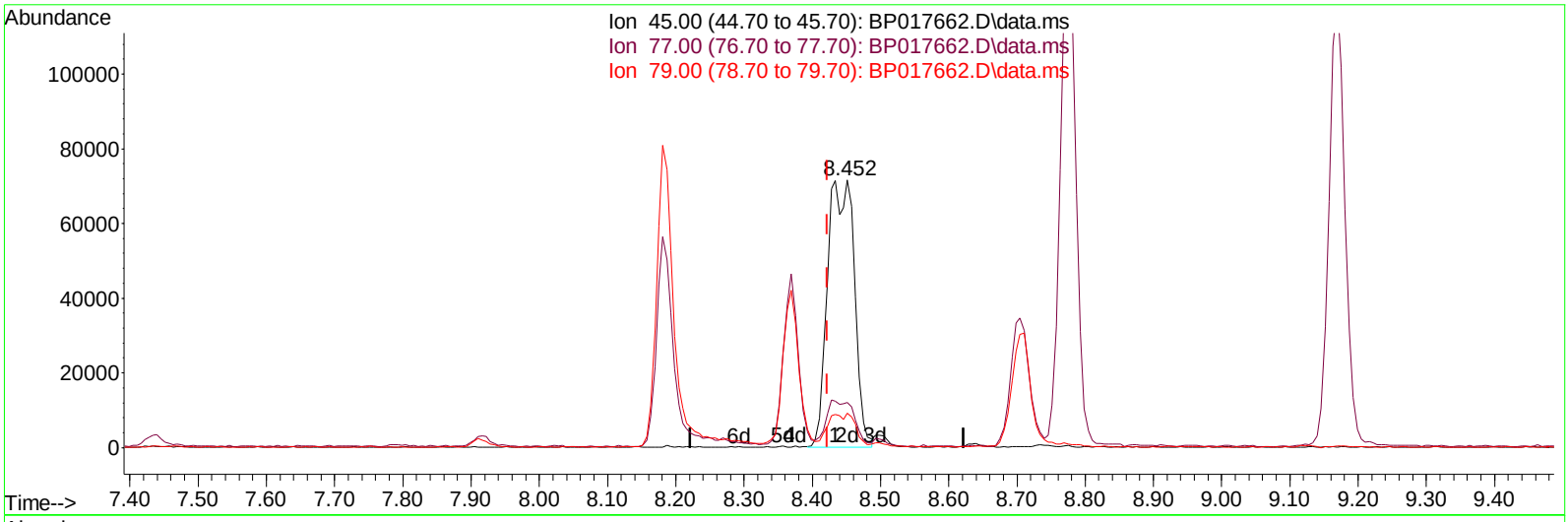

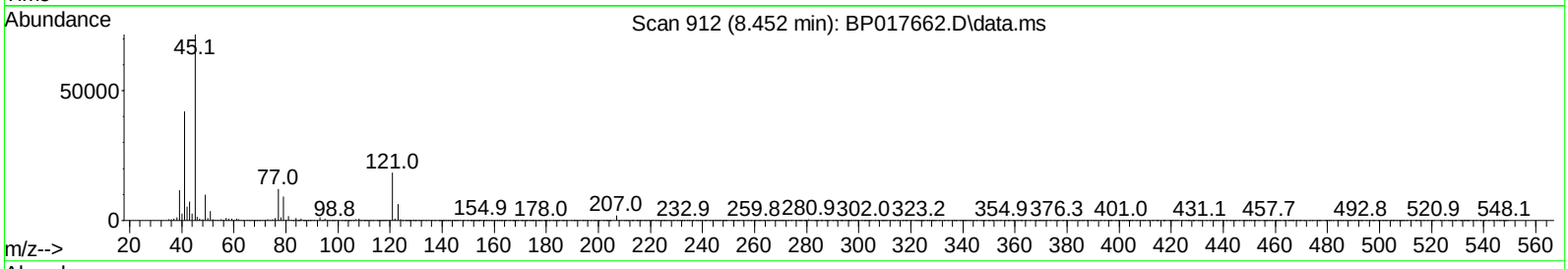

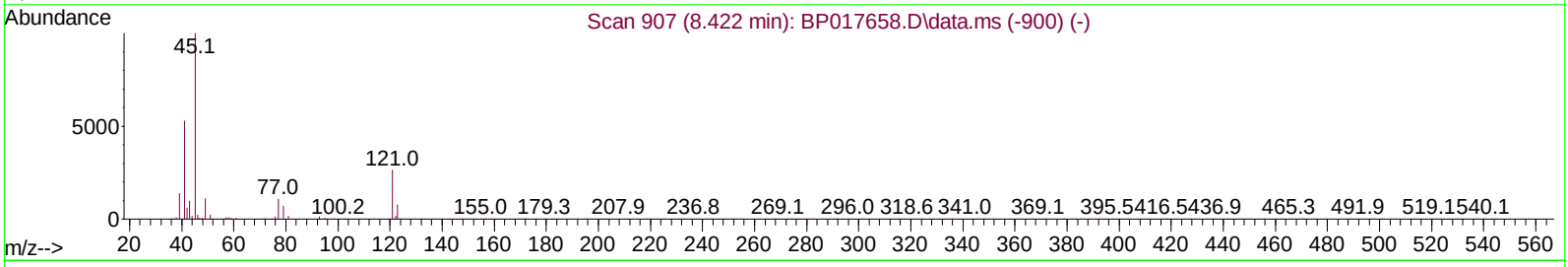

TIC: BP017662.D\data.ms

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

8.452min (+ 0.029) 17.22 ng/ul m

response 195847

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.30	16.92
79.00	11.90	12.81
0.00	0.00	0.00

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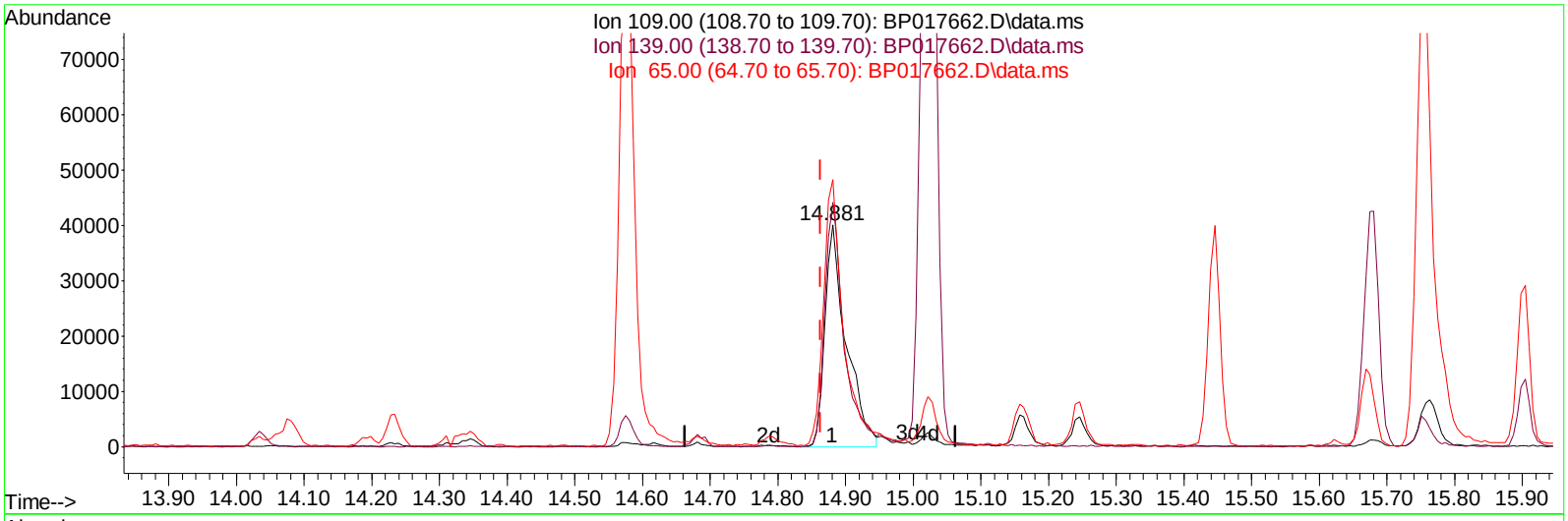

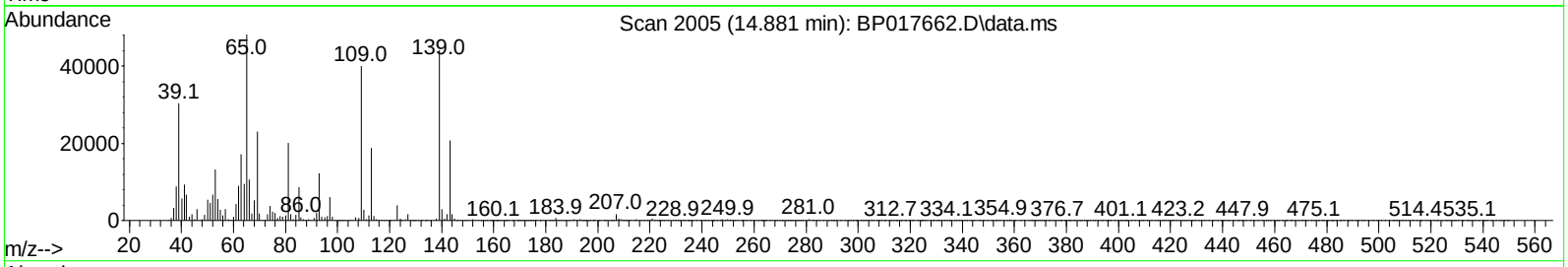

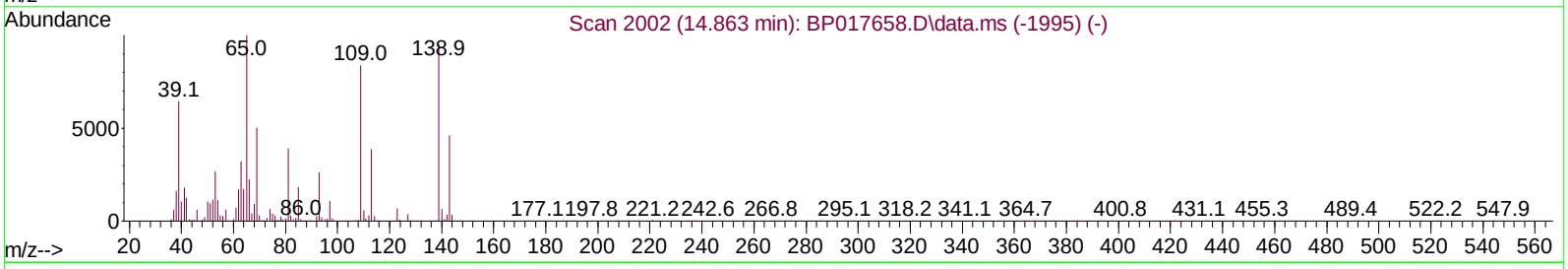

TIC: BP017662.D\data.ms

(55) 4-Nitrophenol

14.881min (+ 0.018) 20.50 ng/ul

response 88115

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	113.10	110.13
65.00	119.60	120.23
0.00	0.00	0.00

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Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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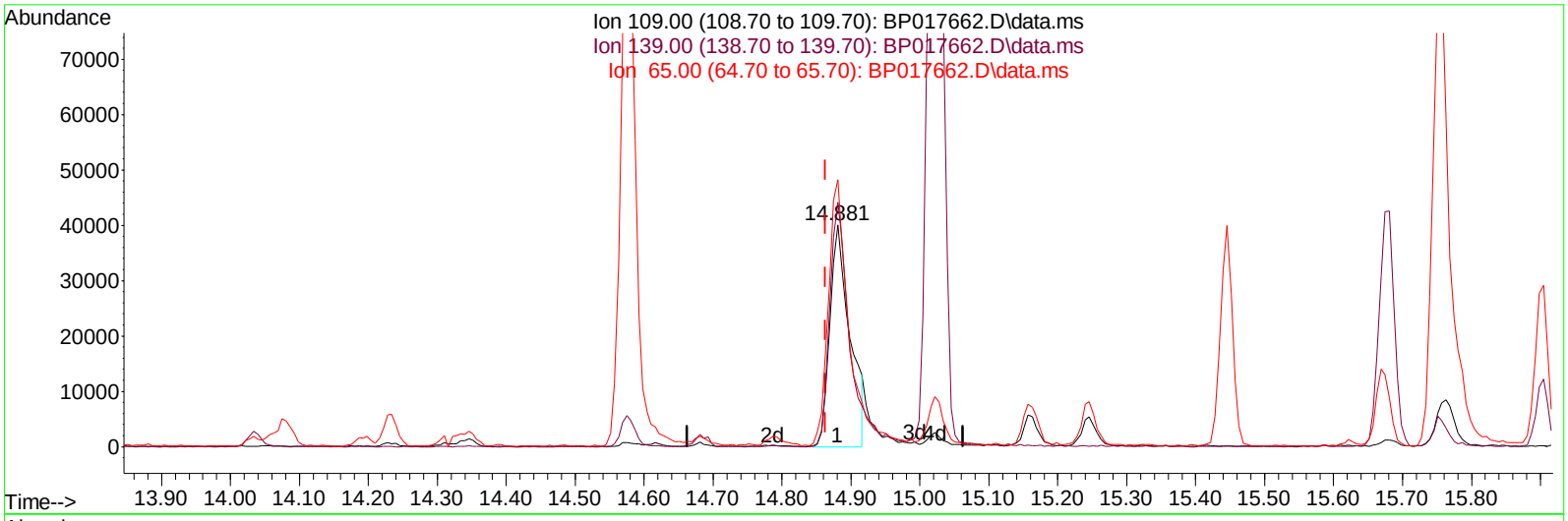

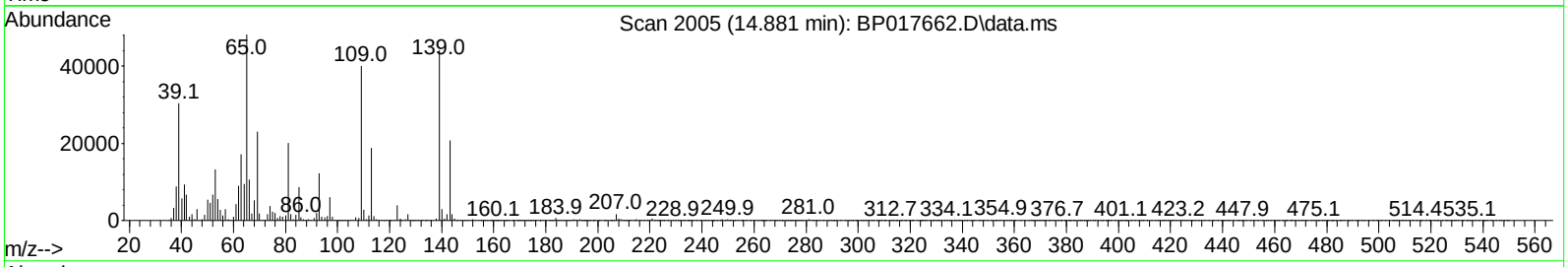

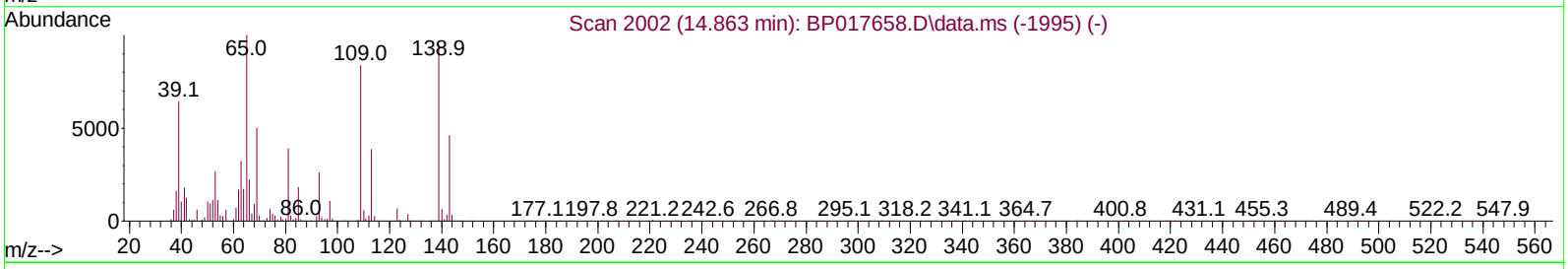

TIC: BP017662.D\data.ms

(55) 4-Nitrophenol

14.881min (+ 0.018) 18.85 ng/ul m

response 81053

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	113.10	110.13
65.00	119.60	120.23
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 12 18:43:27 2023
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Quant Title : SVOA CALIBRATION
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Instrument :
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SICV644

Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	118891	20.000	ng/ul	0.01
20) Naphthalene-d8	10.751	136	486589	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.616	164	316793	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.410	188	732714	20.000	ng/ul	0.01
79) Chrysene-d12	21.557	240	826658	20.000	ng/ul	0.01
88) Perylene-d12	24.133	264	932490	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	22956	7.119	ng/uL	0.00
4) Pyridine-d5	3.705	84	167915	18.837	ng/ul	0.00
7) Phenol-d5	7.075	99	208740	18.859	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.257	67	148310	22.094	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	175604	20.496	ng/ul	0.01
15) 4-Methylphenol-d8	8.640	113	170037	19.233	ng/ul	0.01
21) Nitrobenzene-d5	9.128	128	83359	20.396	ng/ul	0.01
24) 2-Nitrophenol-d4	9.840	143	92036	20.024	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.369	165	176569	20.440	ng/ul	0.01
31) 4-Chloroaniline-d4	10.928	131	238279	19.244	ng/ul	0.02
46) Dimethylphthalate-d6	14.034	166	556121	20.269	ng/ul	0.01
49) Acenaphthylene-d8	14.316	160	605433	20.492	ng/ul	0.01
54) 4-Nitrophenol-d4	14.863	143	82504	17.980	ng/ul	0.01
60) Fluorene-d10	15.622	176	473052	20.269	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.769	200	94265	18.202	ng/ul	0.01
73) Anthracene-d10	17.510	188	766437	20.262	ng/ul	0.01
81) Pyrene-d10	19.769	212	972399	19.544	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.962	264	1066457	20.372	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	24488	7.161	ng/uL	98
5) Pyridine	3.722	79	151875	16.590	ng/ul	98
6) Benzaldehyde	7.075	77	146795	26.183	ng/ul	99
8) Phenol	7.099	94	199826	18.190	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.357	93	161746	18.349	ng/ul	98
12) 2-Chlorophenol	7.469	128	162440	18.976	ng/ul	98
13) 2-Methylphenol	8.369	108	145875	17.837	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.452	45	195847m	17.220	ng/ul	
16) Acetophenone	8.775	105	260577	18.942	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.740	70	133586	19.187	ng/ul	97
18) 4-Methylphenol	8.704	108	162198	18.246	ng/ul	97
19) Hexachloroethane	8.981	117	69713	18.230	ng/ul	95
22) Nitrobenzene	9.169	77	196821	18.748	ng/ul	99
23) Isophorone	9.681	82	342392	18.088	ng/ul	99
25) 2-Nitrophenol	9.875	139	93427	19.107	ng/ul	98
26) 2,4-Dimethylphenol	9.916	107	159859	16.454	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.175	93	214460	18.542	ng/ul	97
29) 2,4-Dichlorophenol	10.399	162	164594	19.747	ng/ul	99
30) Naphthalene	10.804	128	528009	18.665	ng/ul	99
32) 4-Chloroaniline	10.951	127	221203	18.684	ng/ul	98
33) Hexachlorobutadiene	11.028	225	120092	18.633	ng/ul	99
34) Caprolactam	11.781	113	47983	18.821	ng/ul	93
35) 4-Chloro-3-methylphenol	12.063	107	169429	19.266	ng/ul	99

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Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.422	142	361815	18.677	ng/ul	98
37) 1-Methylnaphthalene	12.645	142	359858	18.301	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.775	216	224144	19.394	ng/ul	94
40) Hexachlorocyclopentadiene	12.716	237	98045	18.883	ng/ul	98
41) 2,4,6-Trichlorophenol	13.040	196	136216	19.139	ng/ul	99
42) 2,4,5-Trichlorophenol	13.116	196	145938	19.423	ng/ul	94
43) 1,1'-Biphenyl	13.445	154	512319	19.732	ng/ul	98
44) 2-Chloronaphthalene	13.492	162	388884	18.722	ng/ul	98
45) 2-Nitroaniline	13.740	65	112188	19.538	ng/ul	96
47) Dimethylphthalate	14.081	163	511767	18.889	ng/ul	100
48) 2,6-Dinitrotoluene	14.234	165	109573	21.851	ng/ul	99
50) Acenaphthylene	14.345	152	644633	19.287	ng/ul	99
51) 3-Nitroaniline	14.575	138	104237	20.610	ng/ul	98
52) Acenaphthene	14.681	153	410564	18.468	ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	49439	15.966	ng/ul	93
55) 4-Nitrophenol	14.881	109	81053m	18.853	ng/ul	
56) Dibenzofuran	15.022	168	624872	19.594	ng/ul	100
57) 2,4-Dinitrotoluene	15.022	165	145790	18.834	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.245	232	140808	20.259	ng/ul	98
59) Diethylphthalate	15.445	149	498476	18.341	ng/ul	99
61) Fluorene	15.681	166	497040	18.903	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.675	204	258372	18.480	ng/ul	98
63) 4-Nitroaniline	15.757	138	107939	21.476	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.781	198	91631	16.893	ng/ul#	97
67) N-Nitrosodiphenylamine	15.904	169	428648	19.578	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	161051	18.229	ng/ul	98
69) Hexachlorobenzene	16.663	284	196510	18.689	ng/ul	96
70) Atrazine	16.869	200	160313	18.921	ng/ul	98
71) Pentachlorophenol	17.039	266	101511	15.941	ng/ul	100
72) Phenanthrene	17.451	178	810741	18.808	ng/ul	100
74) Anthracene	17.545	178	818171	18.763	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	216034	18.686	ng/uL	99
76) Pentachlorobenzene	14.916	250	219971	18.540	ng/uL	100
77) Carbazole	17.839	167	748156	18.947	ng/ul	99
78) Di-n-butylphthalate	18.351	149	861224	17.710	ng/ul	99
80) Fluoranthene	19.439	202	1001632	17.616	ng/ul	100
82) Pyrene	19.798	202	1082560	18.225	ng/ul	99
83) Butylbenzylphthalate	20.669	149	390344	16.891	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	421712	19.916	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1164015	18.364	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	565161	16.174	ng/ul	98
87) Chrysene	21.592	228	1070558	18.302	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	958780	15.747	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	1204499	18.968	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	1108213	17.542	ng/ul	99
93) Benzo(a)pyrene	24.015	252	1035958	17.520	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.874	276	1389830	19.166	ng/ul	99
95) Dibenzo(a,h)anthracene	26.904	278	1153891	18.986	ng/ul	99
96) Benzo(g,h,i)perylene	27.727	276	1108165	19.218	ng/ul	98

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

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