Quantitation Report (Qedit)

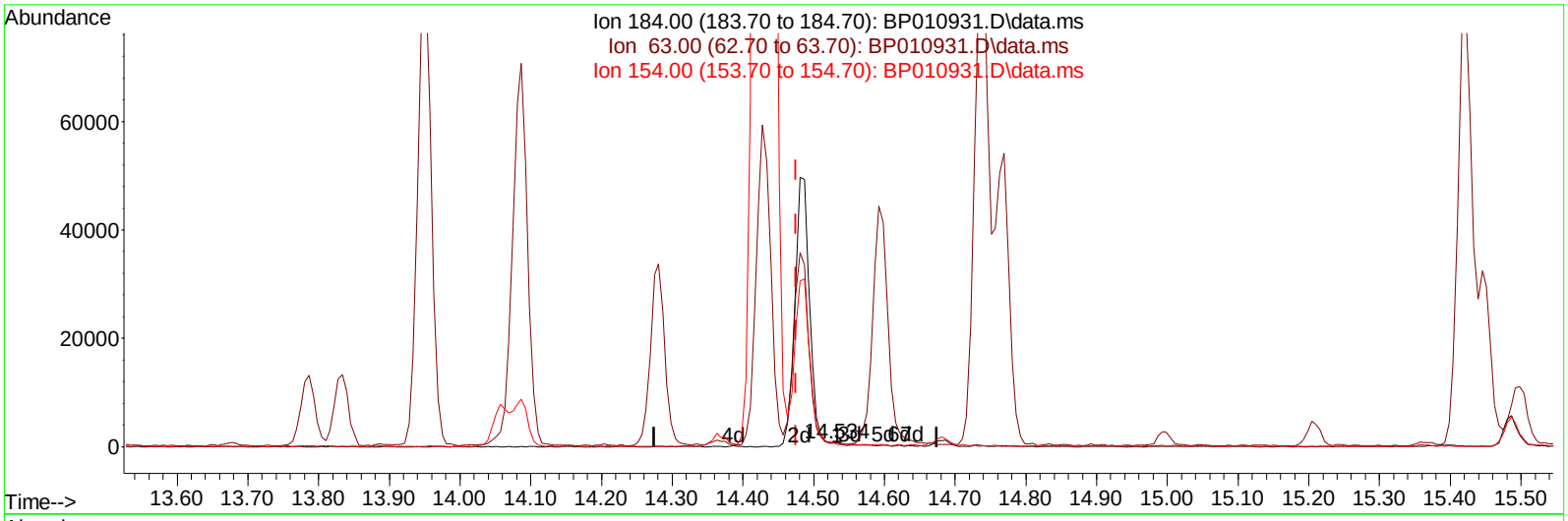
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
Data File : BP010931.D
Acq On : 06 Jul 2022 16:12
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

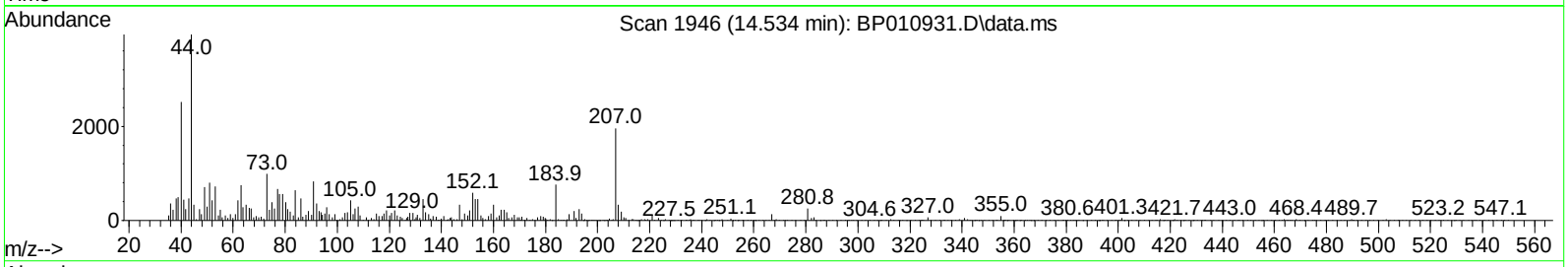
Quant Time: Jul 06 23:16:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 23:13:53 2022
Response via : Initial Calibration

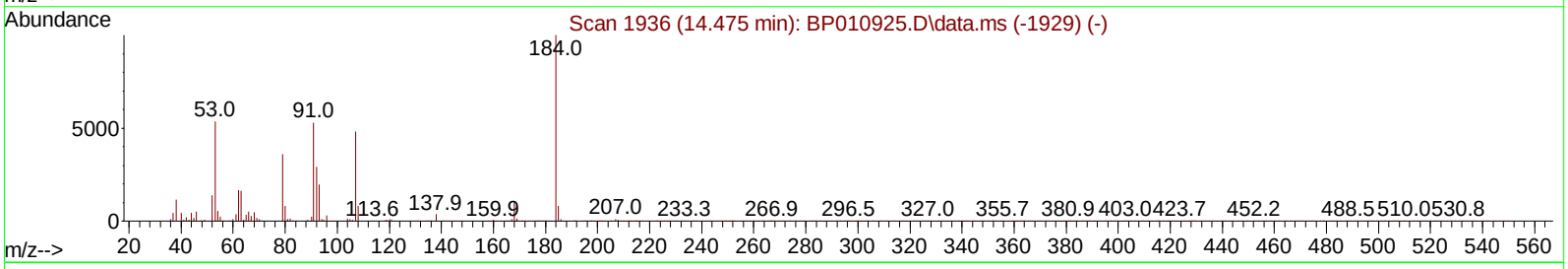
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/07/2022
Supervised By :mohammad ahmed 07/07/2022







TIC: BP010931.D\data.ms

(53) 2,4-Dinitrophenol

14.534min (+ 0.059) 0.12 ng/ul

response 409

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	92.20	99.47
154.00	71.50	60.61
0.00	0.00	0.00

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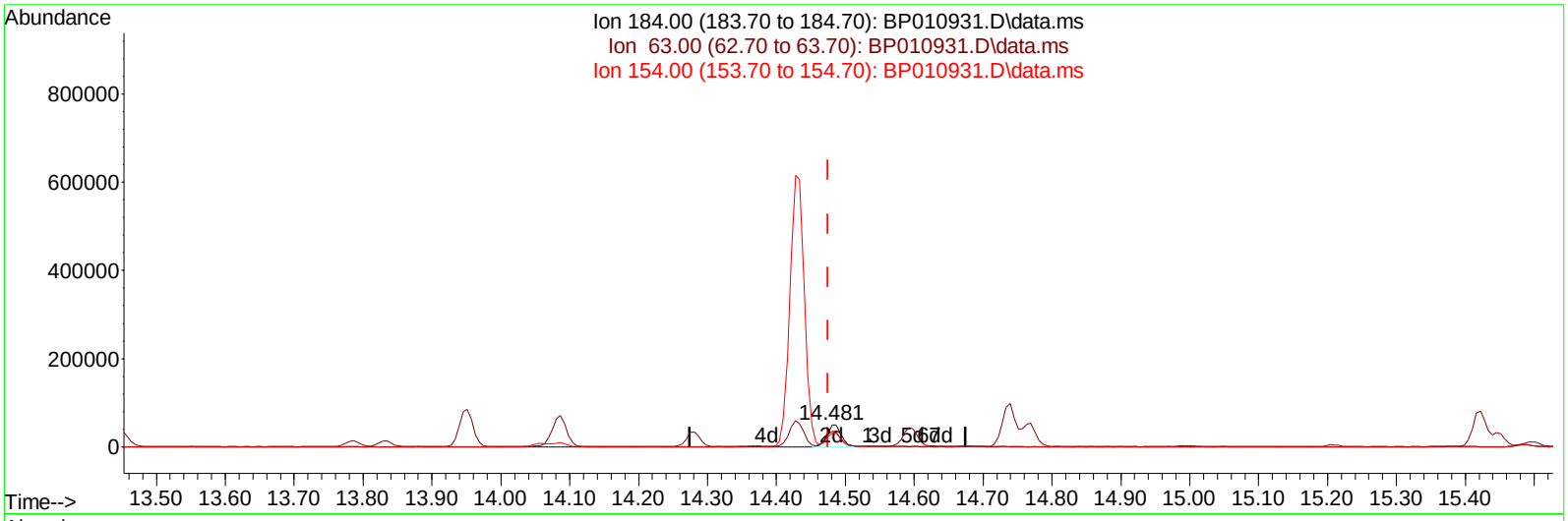

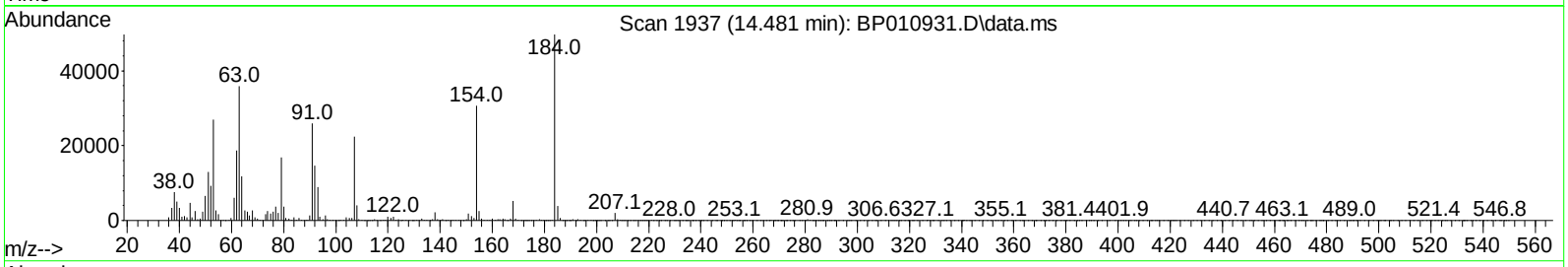

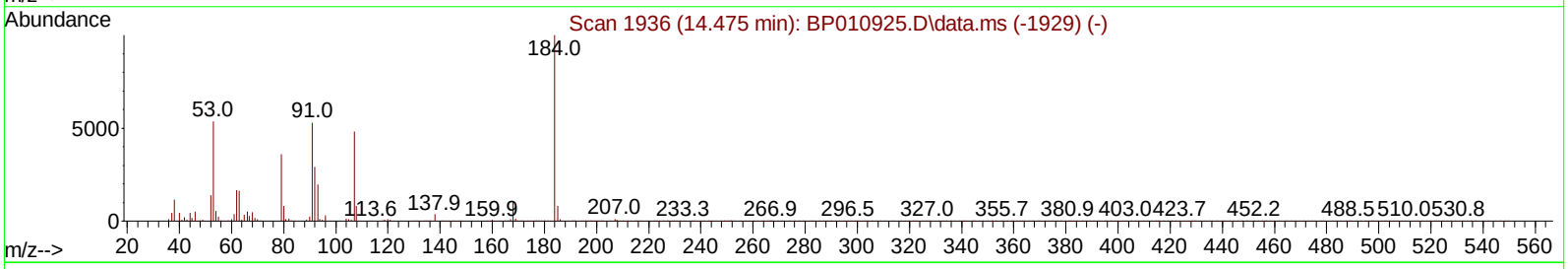

TIC: BP010931.D\data.ms

(53) 2,4-Dinitrophenol

14.481min (+ 0.006) 21.55 ng/ul m

response 72101

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	92.20	72.09#
154.00	71.50	61.64
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	7.710	152	448745	20.000	ng/ul	0.00
20) Naphthalene-d8	10.504	136	1712458	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	847987	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	1533206	20.000	ng/ul	# 0.01
79) Chrysene-d12	21.245	240	1497914	20.000	ng/ul	# 0.00
88) Perylene-d12	23.610	264	1703378	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	101267	8.537	ng/uL	0.00
4) Pyridine-d5	3.611	84	638053	20.206	ng/ul	0.00
7) Phenol-d5	6.887	99	696162	19.598	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	452199	19.465	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	590475	20.035	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	536298	19.098	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	251876	23.105	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	230549	25.563	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	443187	19.887	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	691540	19.011	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	1070527	18.430	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1398657	18.866	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	189027	20.834	ng/ul	0.00
60) Fluorene-d10	15.363	176	945633	18.970	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	111598	21.970	ng/ul	0.00
73) Anthracene-d10	17.228	188	1329213	19.486	ng/ul	0.00
81) Pyrene-d10	19.480	212	1468615	17.996	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.457	264	1639716	19.480	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	106794	8.442	ng/uL#	85
5) Pyridine	3.628	79	661013	20.665	ng/ul#	77
6) Benzaldehyde	6.857	77	412017	21.982	ng/ul	97
8) Phenol	6.910	94	753143	19.823	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.146	93	593878	19.462	ng/ul	90
12) 2-Chlorophenol	7.275	128	615679	20.238	ng/ul	93
13) 2-Methylphenol	8.157	108	533238	18.852	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.240	45	782400	19.110	ng/ul#	98
16) Acetophenone	8.534	105	818746	18.985	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.522	70	391564	17.956	ng/ul	90
18) 4-Methylphenol	8.487	108	566590	19.235	ng/ul	97
19) Hexachloroethane	8.781	117	238043	19.321	ng/ul	83
22) Nitrobenzene	8.910	77	598241	21.990	ng/ul	92
23) Isophorone	9.440	82	996976	17.475	ng/ul	98
25) 2-Nitrophenol	9.622	139	267303	24.474	ng/ul#	83
26) 2,4-Dimethylphenol	9.693	107	579727	19.428	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.928	93	684041	19.007	ng/ul	98
29) 2,4-Dichlorophenol	10.157	162	461897	19.947	ng/ul	99
30) Naphthalene	10.557	128	1754523	19.658	ng/ul	100
32) 4-Chloroaniline	10.675	127	697696	19.359	ng/ul	99
33) Hexachlorobutadiene	10.840	225	282201	19.075	ng/ul	95
34) Caprolactam	11.457	113	119640	16.447	ng/ul	87
35) 4-Chloro-3-methylphenol	11.810	107	467149	18.614	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.175	142	1071761	18.544	ng/ul	98
37) 1-Methylnaphthalene	12.398	142	1073343	18.694	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	487211	19.994	ng/ul	99
40) Hexachlorocyclopentadiene	12.522	237	278052	18.007	ng/ul	98
41) 2,4,6-Trichlorophenol	12.792	196	292579	20.825	ng/ul	97
42) 2,4,5-Trichlorophenol	12.863	196	313935	20.823	ng/ul	97
43) 1,1'-Biphenyl	13.198	154	1326719	19.874	ng/ul	98
44) 2-Chloronaphthalene	13.234	162	1009940	20.083	ng/ul	99
45) 2-Nitroaniline	13.451	65	252012	23.620	ng/ul#	80
47) Dimethylphthalate	13.834	163	1080109	18.567	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	188707	21.650	ng/ul	97
50) Acenaphthylene	14.087	152	1576363	19.415	ng/ul	98
51) 3-Nitroaniline	14.281	138	226464	21.673	ng/ul	90
52) Acenaphthene	14.428	153	1015847	19.390	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	72101m	21.547	ng/ul	
55) 4-Nitrophenol	14.592	109	152585	21.150	ng/ul#	75
56) Dibenzofuran	14.769	168	1409254	19.638	ng/ul	95
57) 2,4-Dinitrotoluene	14.739	165	266467	22.880	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.998	232	216276	20.032	ng/ul	92
59) Diethylphthalate	15.210	149	1025237	17.727	ng/ul	99
61) Fluorene	15.422	166	1088943	19.031	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.422	204	501694	18.730	ng/ul	97
63) 4-Nitroaniline	15.451	138	228811	23.683	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.504	198	116887	21.295	ng/ul	94
67) N-Nitrosodiphenylamine	15.639	169	915131	19.707	ng/ul	99
68) 4-Bromophenyl-phenylether	16.322	248	281627	18.328	ng/ul	95
69) Hexachlorobenzene	16.422	284	321211	18.048	ng/ul	94
70) Atrazine	16.604	200	269972	17.535	ng/ul	99
71) Pentachlorophenol	16.781	266	154922	16.905	ng/ul	97
72) Phenanthrene	17.175	178	1613005	19.756	ng/ul	98
74) Anthracene	17.263	178	1633376	19.890	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.157	216	492423	19.463	ng/uL	99
76) Pentachlorobenzene	14.681	250	423910	19.536	ng/uL	100
77) Carbazole	17.545	167	1524107	20.619	ng/ul	99
78) Di-n-butylphthalate	18.110	149	1496793	16.993	ng/ul	99
80) Fluoranthene	19.157	202	1765085	17.586	ng/ul#	89
82) Pyrene	19.510	202	1842021	18.173	ng/ul#	86
83) Butylbenzylphthalate	20.404	149	659903	18.496	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.169	252	600692	19.420	ng/ul#	99
85) Benzo(a)anthracene	21.227	228	1830133	19.536	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.174	149	988151	17.490	ng/ul#	96
87) Chrysene	21.280	228	1795448	20.000	ng/ul	99
89) Di-n-octyl phthalate	22.086	149	1717774	16.990	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	2009579	18.971	ng/ul#	96
91) Benzo(k)fluoranthene	22.933	252	1961124	19.477	ng/ul#	94
93) Benzo(a)pyrene	23.504	252	2039680	19.794	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.056	276	2455477	19.748	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.086	278	2130665	19.977	ng/ul#	93
96) Benzo(g,h,i)perylene	26.809	276	2098741	19.843	ng/ul#	87

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

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