Quantitation Report (Qedit)

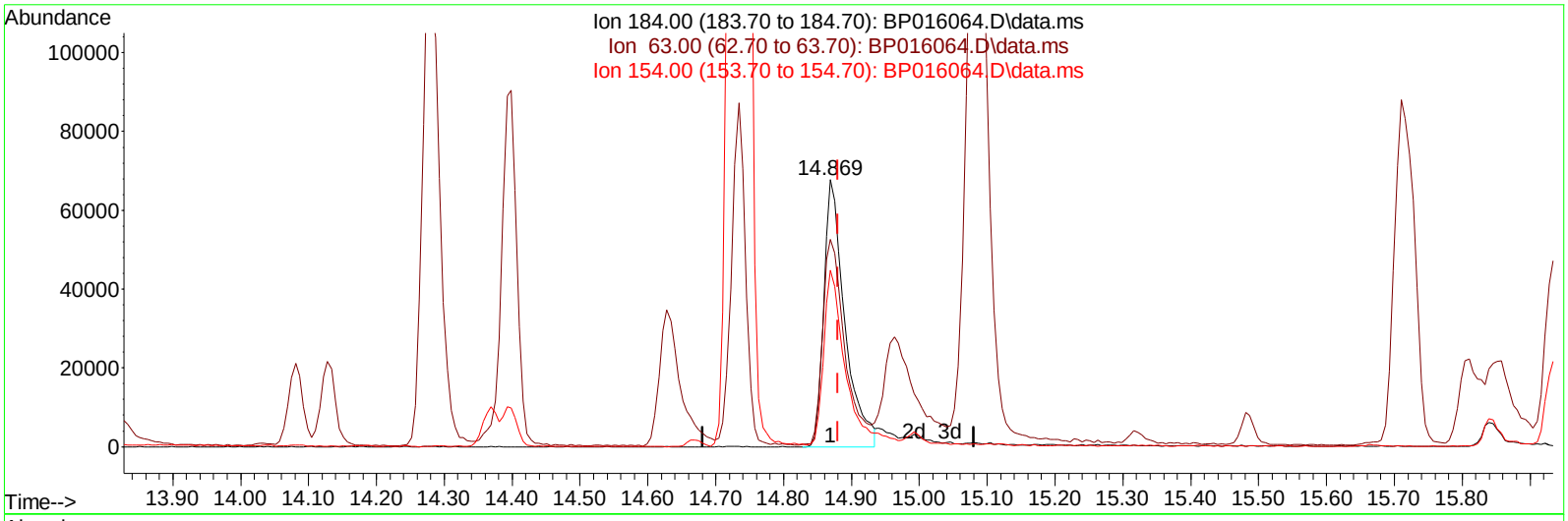
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
Data File : BP016064.D
Acq On : 07 Jul 2023 10:42
Operator : MA/JU
Sample : PB153602BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

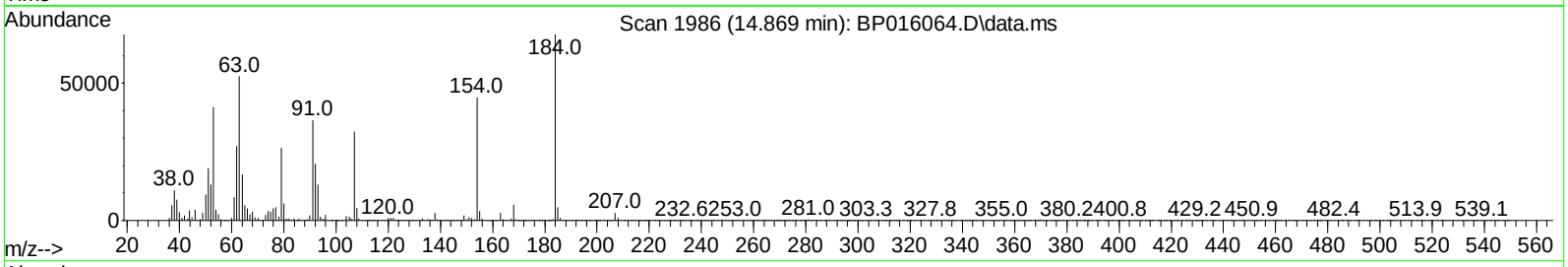
Quant Time: Jul 07 12:43:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 06 23:18:26 2023
Response via : Initial Calibration

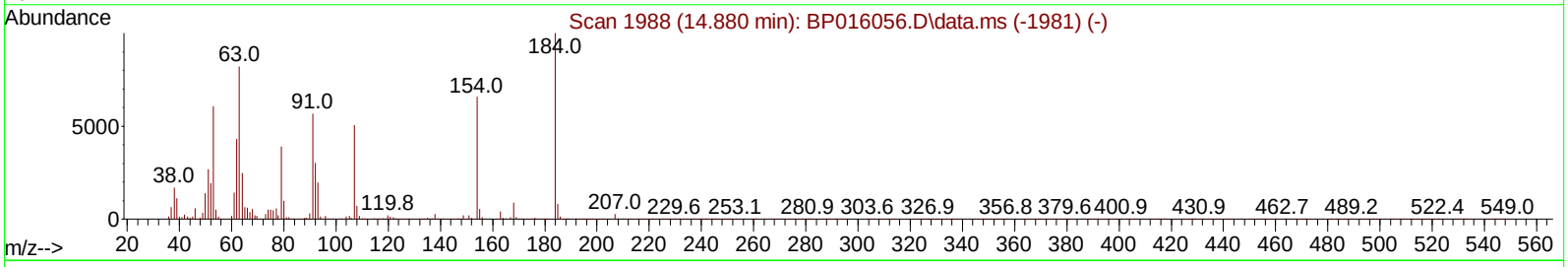
Instrument :
BNA_P
ClientSampleId :
SLCS602

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023







TIC: BP016064.D\data.ms

(53) 2,4-Dinitrophenol

14.869min (-0.012) 23.78 ng/ul

response 145082

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	89.20	77.58
154.00	76.40	66.23
0.00	0.00	0.00

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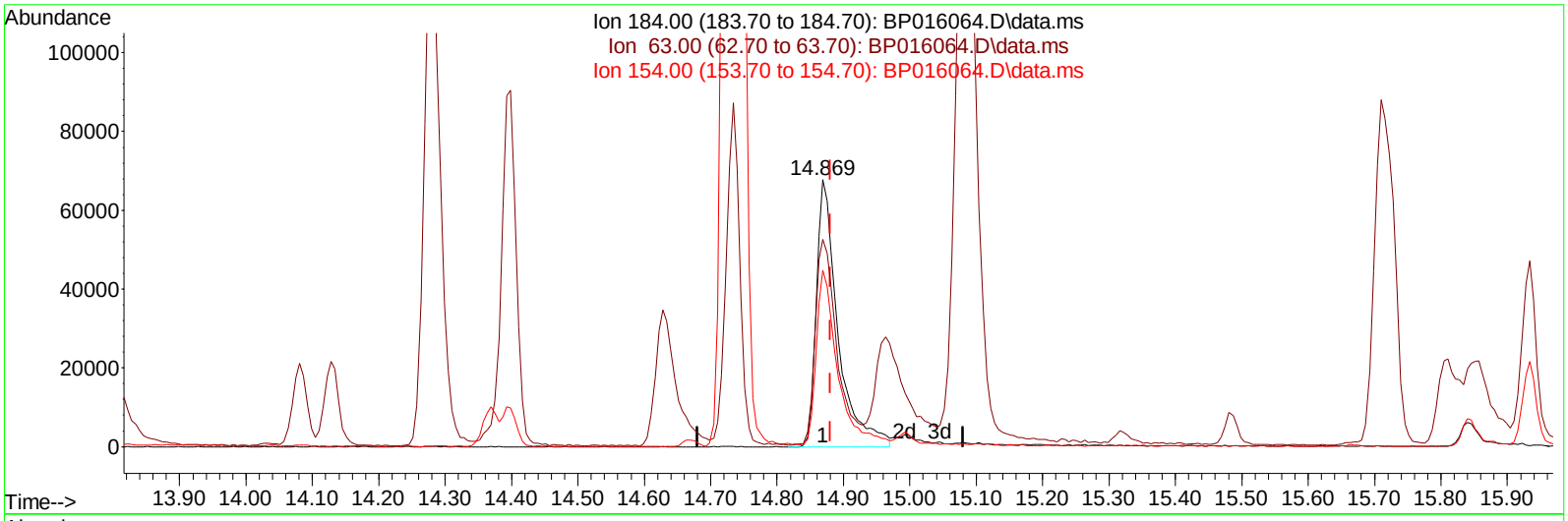

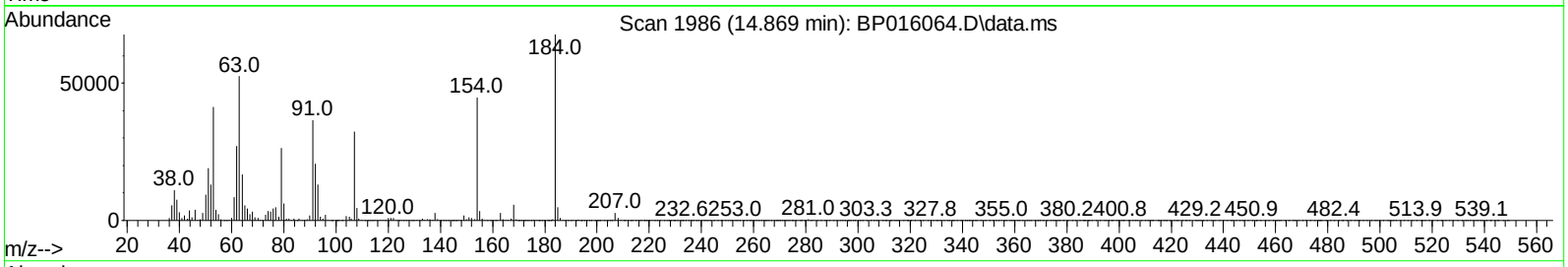

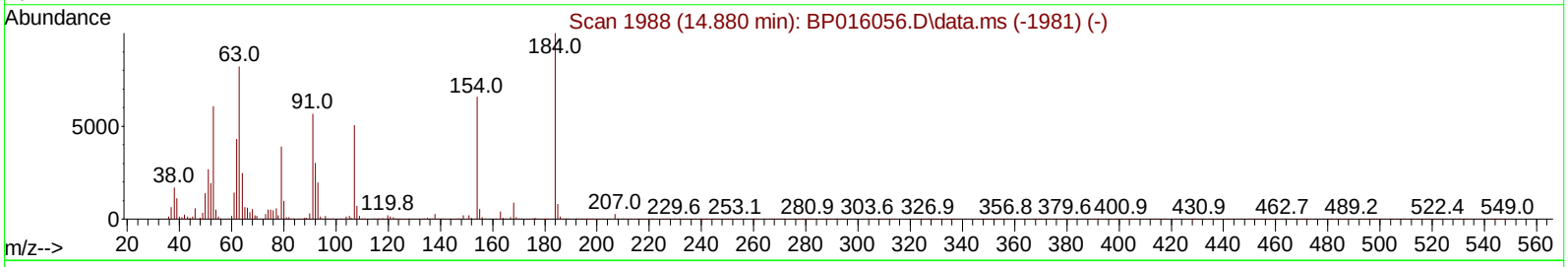

TIC: BP016064.D\data.ms

(53) 2,4-Dinitrophenol

14.869min (-0.012) 25.02 ng/ul m

response 152657

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	89.20	77.58
154.00	76.40	66.23
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	8.022	152	253903	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	1136425	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.669	164	708857	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.434	188	1506424	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.533	240	1082374	20.000	ng/ul	# 0.00
88) Perylene-d12	24.086	264	927768	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	36710	5.202	ng/uL	0.00
4) Pyridine-d5	3.799	84	430786	24.216	ng/ul	0.00
7) Phenol-d5	7.205	99	655323	30.165	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.346	67	437422	32.545	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.552	132	500610	30.527	ng/ul	-0.01
15) 4-Methylphenol-d8	8.758	113	530805	30.929	ng/ul	-0.01
21) Nitrobenzene-d5	9.211	128	259165	29.841	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	294359	29.040	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.493	165	504313	27.920	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.016	131	612651	26.403	ng/ul	0.00
46) Dimethylphthalate-d6	14.081	166	1630718	29.764	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1811913	29.419	ng/ul	0.00
54) 4-Nitrophenol-d4	14.946	143	167368	23.148	ng/ul	-0.02
60) Fluorene-d10	15.669	176	1327184	29.419	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.840	200	264546	28.555	ng/ul	-0.01
73) Anthracene-d10	17.540	188	1969519	28.622	ng/ul	0.00
81) Pyrene-d10	19.775	212	2178475	30.823	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.910	264	1403759	29.994	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	72390	9.532	ng/uL	98
5) Pyridine	3.817	79	445433	23.935	ng/ul	99
6) Benzaldehyde	7.169	77	361007	41.102	ng/ul	97
8) Phenol	7.234	94	676617	30.013	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.440	93	546709	30.480	ng/ul	98
12) 2-Chlorophenol	7.587	128	497371	28.548	ng/ul	98
13) 2-Methylphenol	8.487	108	505571	29.703	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.558	45	831321	33.933	ng/ul	99
16) Acetophenone	8.869	105	846064	29.990	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.840	70	473690	30.232	ng/ul	98
18) 4-Methylphenol	8.828	108	551972	30.182	ng/ul	99
19) Hexachloroethane	9.087	117	218051	27.098	ng/ul	88
22) Nitrobenzene	9.252	77	679458	27.859	ng/ul	98
23) Isophorone	9.775	82	1336159	28.628	ng/ul	98
25) 2-Nitrophenol	9.969	139	298753	27.771	ng/ul	95
26) 2,4-Dimethylphenol	10.034	107	515216	21.786	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.252	93	791898	30.056	ng/ul	98
29) 2,4-Dichlorophenol	10.522	162	483491	26.923	ng/ul	99
30) Naphthalene	10.893	128	1677922	27.160	ng/ul	99
32) 4-Chloroaniline	11.040	127	579500	24.038	ng/ul	98
33) Hexachlorobutadiene	11.152	225	301431	22.227	ng/ul	98
34) Caprolactam	11.857	113	171320	31.188	ng/ul	90
35) 4-Chloro-3-methylphenol	12.175	107	584794	27.820	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.504	142	1116188	27.446 ng/ul	99
37) 1-Methylnaphthalene	12.722	142	1142792	27.545 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	591805	25.335 ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	134499	19.247 ng/ul	95
41) 2,4,6-Trichlorophenol	13.134	196	347832	23.562 ng/ul	98
42) 2,4,5-Trichlorophenol	13.222	196	402802	25.724 ng/ul	99
43) 1,1'-Biphenyl	13.504	154	1526643	27.191 ng/ul	97
44) 2-Chloronaphthalene	13.557	162	1193882	26.992 ng/ul	98
45) 2-Nitroaniline	13.793	65	418935	30.102 ng/ul	94
47) Dimethylphthalate	14.128	163	1558203	27.481 ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	326409	28.379 ng/ul	96
50) Acenaphthylene	14.399	152	1874330	27.619 ng/ul	99
51) 3-Nitroaniline	14.628	138	303724	33.674 ng/ul	92
52) Acenaphthene	14.734	153	1301860	27.664 ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	152657m	25.017 ng/ul	
55) 4-Nitrophenol	14.963	109	202693	27.053 ng/ul	82
56) Dibenzofuran	15.075	168	1795788	27.489 ng/ul	98
57) 2,4-Dinitrotoluene	15.087	165	453572	28.938 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.322	232	285385	21.219 ng/ul	99
59) Diethylphthalate	15.487	149	1615211	28.149 ng/ul	98
61) Fluorene	15.728	166	1467137	27.688 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.710	204	715129	26.375 ng/ul	96
63) 4-Nitroaniline	15.810	138	271253	43.941 ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.857	198	247358	26.389 ng/ul#	92
67) N-Nitrosodiphenylamine	15.934	169	1230942	27.295 ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	443642	25.790 ng/ul	92
69) Hexachlorobenzene	16.734	284	514561	25.351 ng/ul	96
70) Atrazine	16.910	200	52136	3.020 ng/ul	95
71) Pentachlorophenol	17.110	266	162588	16.690 ng/ul	95
72) Phenanthrene	17.481	178	2293362	28.023 ng/ul	100
74) Anthracene	17.581	178	2235140	27.181 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.475	216	602724	24.588 ng/uL	99
76) Pentachlorobenzene	14.993	250	604815	24.447 ng/uL	98
77) Carbazole	17.869	167	2044017	29.491 ng/ul	99
78) Di-n-butylphthalate	18.363	149	2747203	29.898 ng/ul	99
80) Fluoranthene	19.445	202	2545699	28.982 ng/ul#	93
82) Pyrene	19.804	202	2615093	29.186 ng/ul#	90
83) Butylbenzylphthalate	20.645	149	1100237	30.098 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.451	252	645757	26.392 ng/ul	96
85) Benzo(a)anthracene	21.516	228	2038620	26.775 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	1478703	29.435 ng/ul#	99
87) Chrysene	21.575	228	2108324	29.186 ng/ul	99
89) Di-n-octyl phthalate	22.345	149	2175292	32.083 ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	1685680	28.277 ng/ul#	98
91) Benzo(k)fluoranthene	23.339	252	1762550	29.263 ng/ul#	97
93) Benzo(a)pyrene	23.969	252	1476113	28.338 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.774	276	1796671	25.408 ng/ul#	93
95) Dibenzo(a,h)anthracene	26.780	278	1467643	25.269 ng/ul#	96
96) Benzo(g,h,i)perylene	27.621	276	1458496	25.072 ng/ul#	95

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

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