Quantitation Report (Qedit)

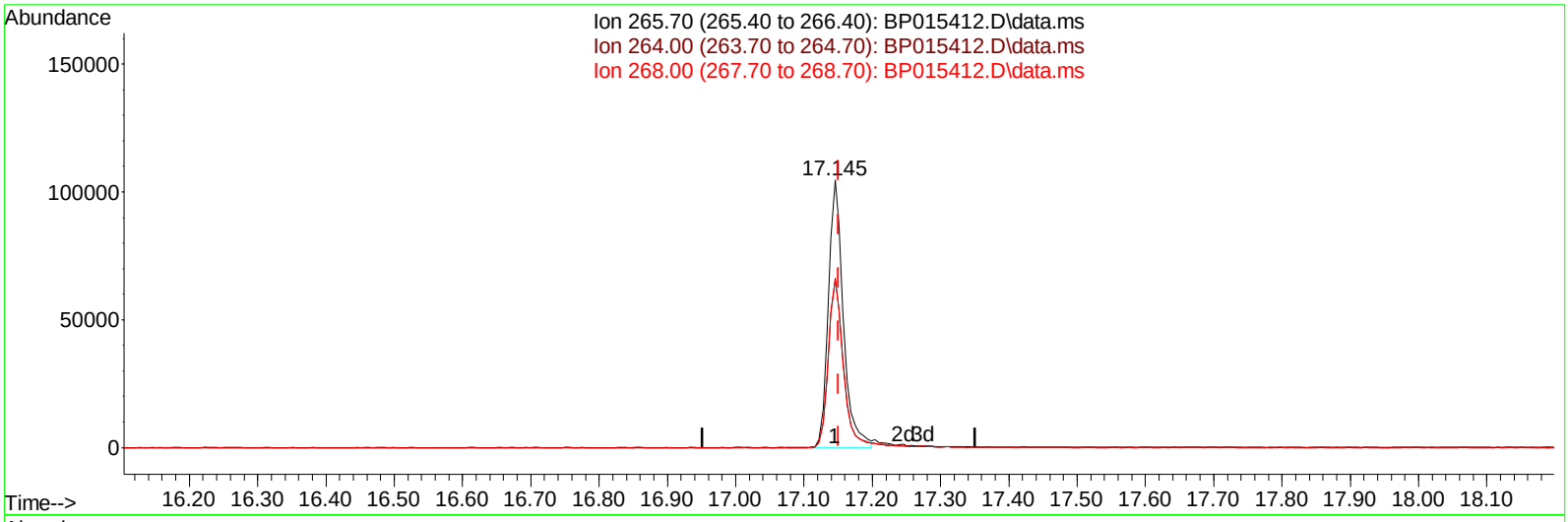
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015412.D
Acq On : 07 Jun 2023 22:36
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

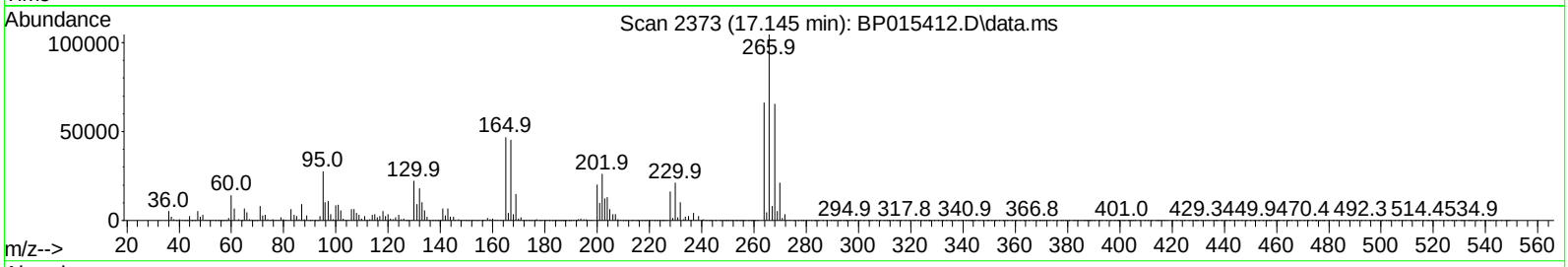
Quant Time: Jun 08 00:14:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration

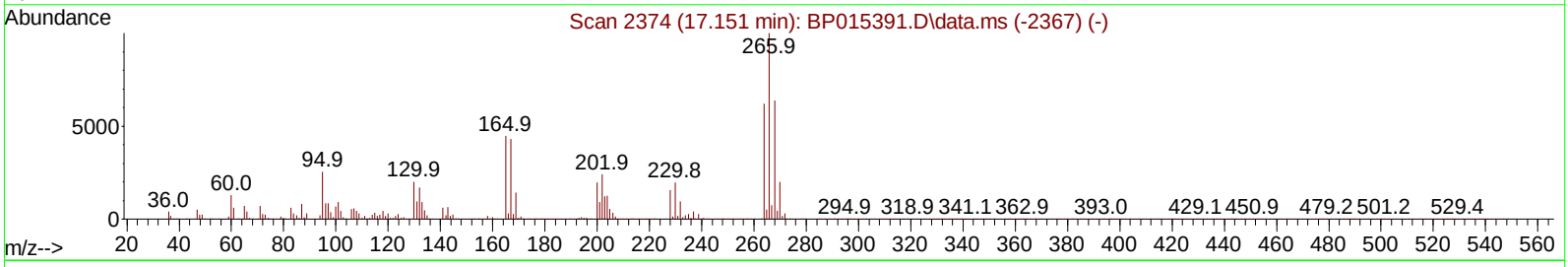
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023







TIC: BP015412.D\data.ms

(71) Pentachlorophenol (C)

17.145min (-0.006) 19.94 ng/ul

response 160490

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.00	63.28
268.00	63.80	62.60
0.00	0.00	0.00

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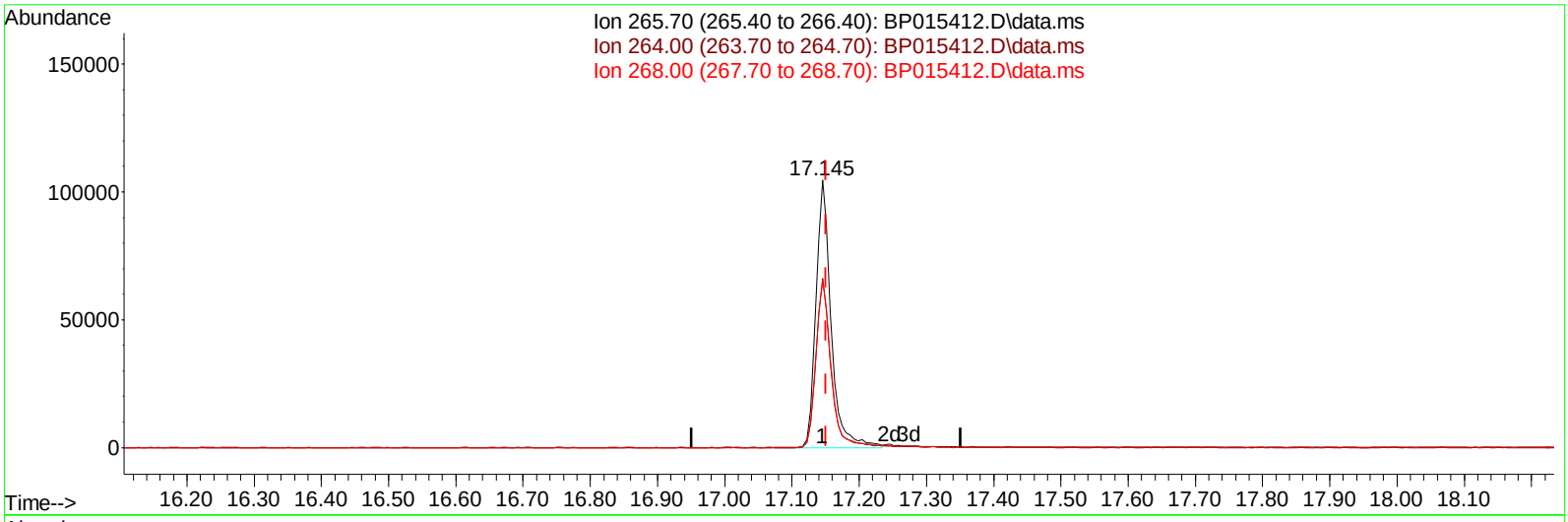

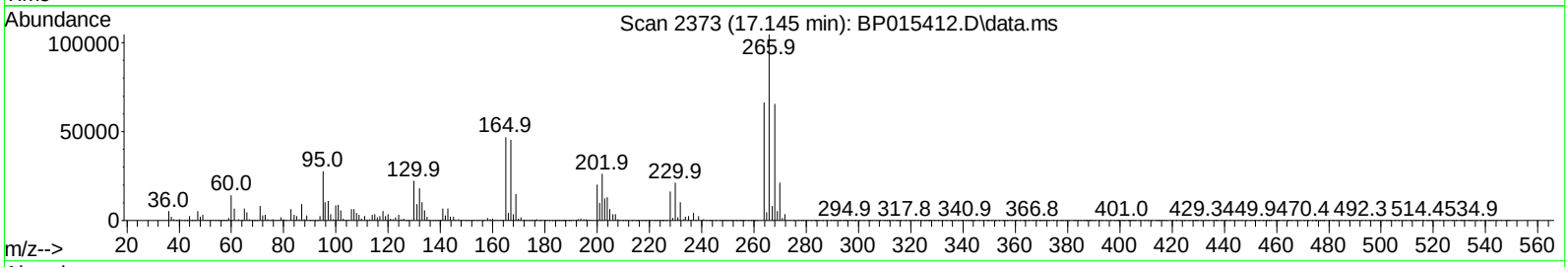

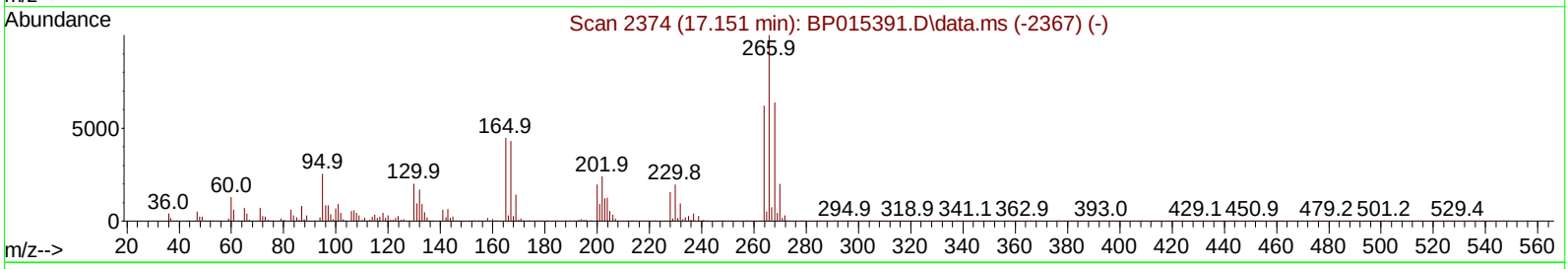

TIC: BP015412.D\data.ms

(71) Pentachlorophenol (C)

17.145min (-0.006) 20.43 ng/ul m

response 164399

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.00	63.28
268.00	63.80	62.60
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	8.099	152	148271	20.000	ng/ul	0.00
20) Naphthalene-d8	10.928	136	693112	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.740	164	478495	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.498	188	1128119	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1116222	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	1254107	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	33434	8.350	ng/uL	0.00
4) Pyridine-d5	3.852	84	200392	19.267	ng/ul	0.00
7) Phenol-d5	7.252	99	285430	20.896	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.417	67	179454	21.998	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	214418	21.650	ng/ul	0.00
15) 4-Methylphenol-d8	8.811	113	237708	21.204	ng/ul	0.00
21) Nitrobenzene-d5	9.275	128	117521	21.597	ng/ul	0.00
24) 2-Nitrophenol-d4	10.005	143	134354	21.620	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	245960	21.697	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	356566	21.914	ng/ul	0.00
46) Dimethylphthalate-d6	14.146	166	805915	21.359	ng/ul	0.00
49) Acenaphthylene-d8	14.440	160	887770	21.517	ng/ul	0.00
54) 4-Nitrophenol-d4	14.940	143	136151	20.150	ng/ul	0.00
60) Fluorene-d10	15.734	176	681692	21.424	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	144021	20.152	ng/ul	0.00
73) Anthracene-d10	17.598	188	1094432	21.322	ng/ul	0.00
81) Pyrene-d10	19.822	212	1306660	21.872	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.969	264	1334657	21.210	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	36003	8.512	ng/uL	90
5) Pyridine	3.870	79	223913	20.766	ng/ul	97
6) Benzaldehyde	7.228	77	108188	20.721	ng/ul	97
8) Phenol	7.281	94	293808	20.849	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.511	93	241580	21.682	ng/ul	99
12) 2-Chlorophenol	7.658	128	227912	21.781	ng/ul	97
13) 2-Methylphenol	8.546	108	231221	21.325	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.634	45	331504	22.452	ng/ul	99
16) Acetophenone	8.934	105	395284	22.094	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.911	70	216132	22.382	ng/ul	98
18) 4-Methylphenol	8.875	108	257871	21.616	ng/ul	98
19) Hexachloroethane	9.187	117	98270	22.224	ng/ul	98
22) Nitrobenzene	9.316	77	309893	21.474	ng/ul	97
23) Isophorone	9.846	82	616435	21.339	ng/ul	99
25) 2-Nitrophenol	10.034	139	146217	21.793	ng/ul	99
26) 2,4-Dimethylphenol	10.087	107	304821	21.423	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.328	93	359409	21.400	ng/ul	99
29) 2,4-Dichlorophenol	10.569	162	247140	21.927	ng/ul	98
30) Naphthalene	10.975	128	796296	21.201	ng/ul	100
32) 4-Chloroaniline	11.093	127	360982	21.441	ng/ul	99
33) Hexachlorobutadiene	11.257	225	163997	21.575	ng/ul	98
34) Caprolactam	11.863	113	89322	21.053	ng/ul	98
35) 4-Chloro-3-methylphenol	12.204	107	300296	21.990	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.575	142	564533	21.381	ng/ul	100
37) 1-Methylnaphthalene	12.793	142	571174	21.485	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.940	216	320552	21.514	ng/ul	97
40) Hexachlorocyclopentadiene	12.916	237	123540	20.227	ng/ul	97
41) 2,4,6-Trichlorophenol	13.181	196	217093	21.891	ng/ul	97
42) 2,4,5-Trichlorophenol	13.257	196	236985	21.930	ng/ul	99
43) 1,1'-Biphenyl	13.575	154	786768	21.262	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	619841	21.350	ng/ul	99
45) 2-Nitroaniline	13.828	65	210932	22.701	ng/ul	96
47) Dimethylphthalate	14.193	163	839310	21.544	ng/ul	99
48) 2,6-Dinitrotoluene	14.322	165	176287	22.086	ng/ul	98
50) Acenaphthylene	14.463	152	985471	21.569	ng/ul	100
51) 3-Nitroaniline	14.651	138	130141	19.751	ng/ul	96
52) Acenaphthene	14.804	153	676407	21.417	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	83303	17.350	ng/ul	96
55) 4-Nitrophenol	14.957	109	131727	20.211	ng/ul	95
56) Dibenzofuran	15.140	168	961183	21.472	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	258468	22.017	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.363	232	214087	21.941	ng/ul	99
59) Diethylphthalate	15.551	149	859811	21.534	ng/ul	99
61) Fluorene	15.793	166	786860	21.563	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.781	204	398440	21.665	ng/ul	97
63) 4-Nitroaniline	15.816	138	120712	19.314	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.875	198	147589	20.248	ng/ul	96
67) N-Nitrosodiphenylamine	15.993	169	688259	21.505	ng/ul	100
68) 4-Bromophenyl-phenylether	16.675	248	258127	21.388	ng/ul	97
69) Hexachlorobenzene	16.798	284	304458	21.386	ng/ul	97
70) Atrazine	16.945	200	276459	21.632	ng/ul	98
71) Pentachlorophenol	17.145	266	164399m	20.431	ng/ul	
72) Phenanthrene	17.539	178	1288048	21.276	ng/ul	99
74) Anthracene	17.634	178	1305768	21.258	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.546	216	333015	21.389	ng/uL	98
76) Pentachlorobenzene	15.057	250	349062	21.413	ng/uL	98
77) Carbazole	17.898	167	1205093	21.789	ng/ul	99
78) Di-n-butylphthalate	18.428	149	1552967	22.130	ng/ul	99
80) Fluoranthene	19.492	202	1604727	22.052	ng/ul	99
82) Pyrene	19.851	202	1652467	21.949	ng/ul	98
83) Butylbenzylphthalate	20.698	149	762551	22.916	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	543324	20.603	ng/ul	99
85) Benzo(a)anthracene	21.563	228	1690982	21.670	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1145455	23.289	ng/ul	99
87) Chrysene	21.616	228	1574671	21.349	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2010413	24.391	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1734343	21.424	ng/ul	100
91) Benzo(k)fluoranthene	23.398	252	1707845	21.825	ng/ul	99
93) Benzo(a)pyrene	24.022	252	1482734	21.008	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.833	276	1776227	19.446	ng/ul	99
95) Dibenzo(a,h)anthracene	26.851	278	1466226	19.703	ng/ul	99
96) Benzo(g,h,i)perylene	27.668	276	1411356	18.749	ng/ul	100

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

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