Quantitation Report (Qedit)

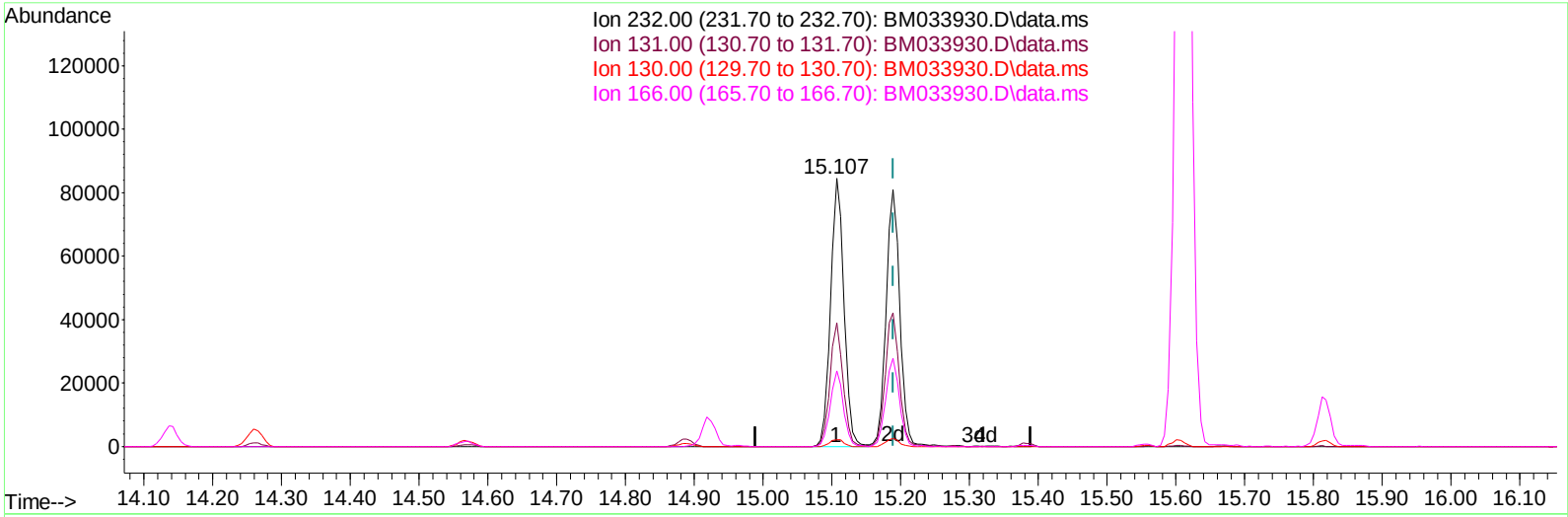
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013122\
Data File : BM033930.D
Acq On : 31 Jan 2022 17:23
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

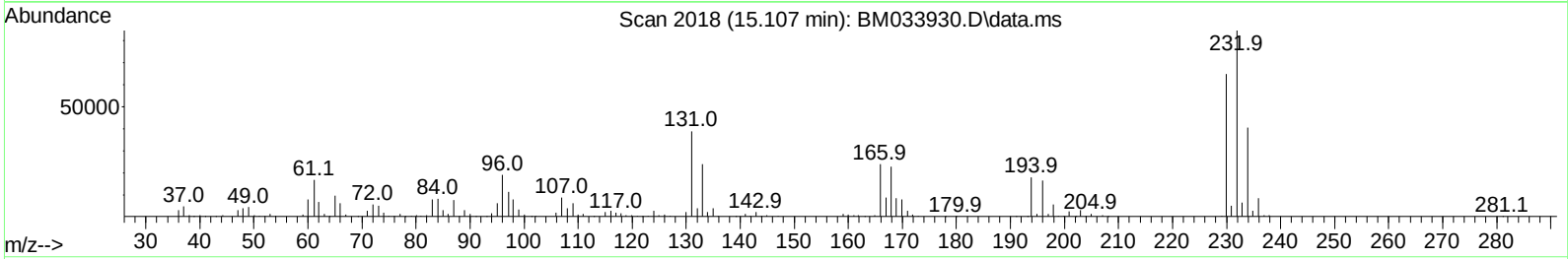
Quant Time: Feb 01 02:25:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 01 02:16:28 2022
Response via : Initial Calibration

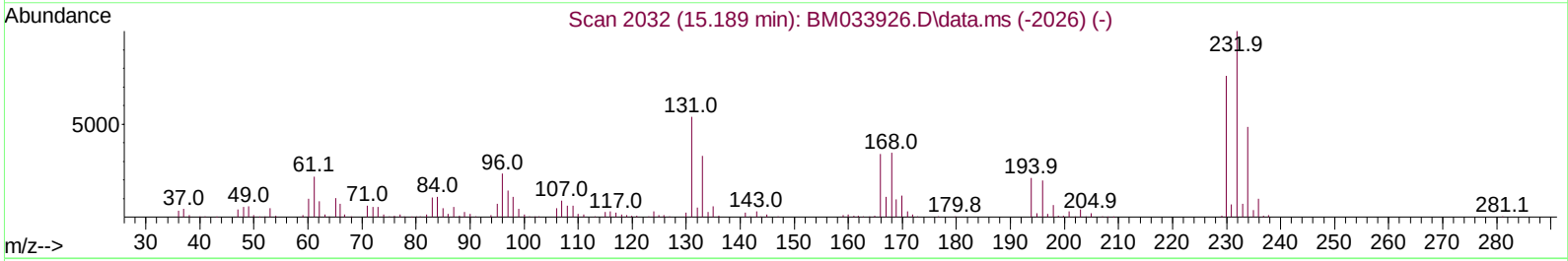
Instrument :
BNA_M
ClientSampleId :
SICV031

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/01/2022
Supervised By :mohammad ahmed 02/01/2022







TIC: BM033930.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.107min (-0.082) 22.40 ng/ul

response 114680

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	51.80	46.03
130.00	2.50	2.47
166.00	34.20	28.13

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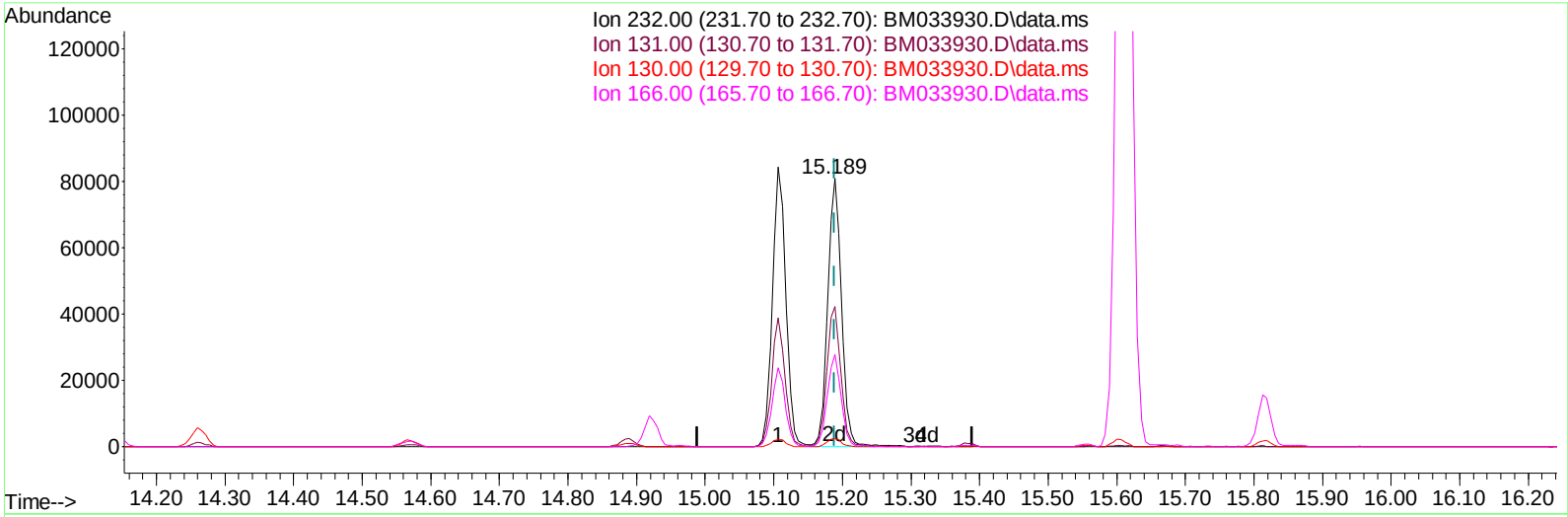

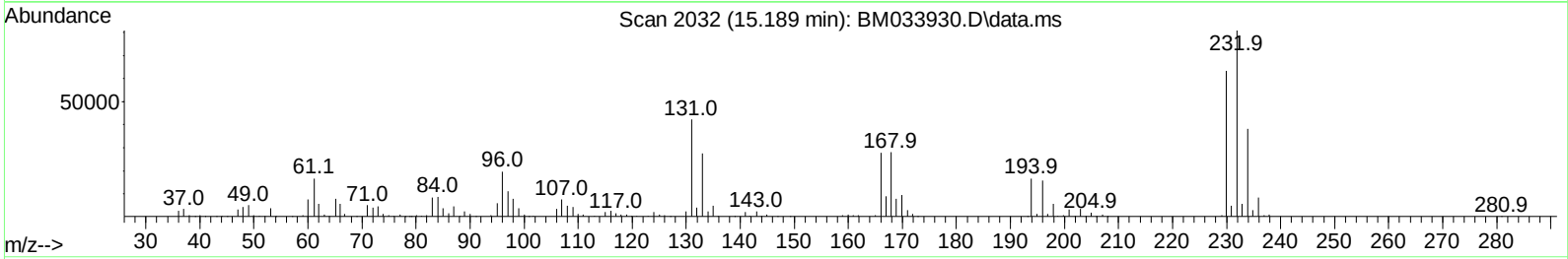

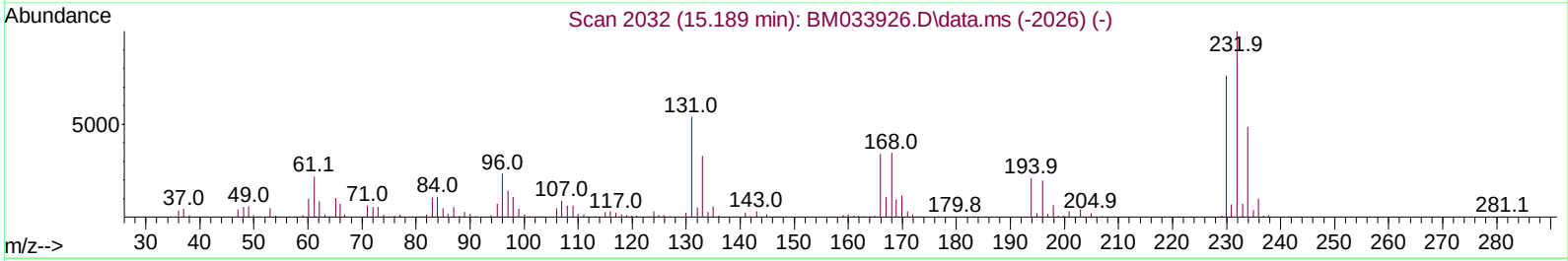

TIC: BM033930.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.189min (-0.000) 21.94 ng/ul m

response 112340

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	51.80	52.16
130.00	2.50	3.06#
166.00	34.20	34.37

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	116443	20.000	ng/ul	0.00
20) Naphthalene-d8	10.742	136	487457	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.566	164	296210	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.307	188	578969	20.000	ng/ul	0.00
79) Chrysene-d12	21.471	240	492432	20.000	ng/ul	0.00
88) Perylene-d12	23.859	264	471673	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.290	96	22211	7.523	ng/uL	0.00
4) Pyridine-d5	3.719	84	153813	18.664	ng/ul	0.00
7) Phenol-d5	7.084	99	190642	19.543	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.254	67	127908	21.507	ng/ul	0.00
11) 2-Chlorophenol-d4	7.460	132	157096	20.100	ng/ul	0.00
15) 4-Methylphenol-d8	8.642	113	153143	19.811	ng/ul	0.00
21) Nitrobenzene-d5	9.089	128	76071	19.449	ng/ul	0.00
24) 2-Nitrophenol-d4	9.819	143	84302	19.959	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.360	165	150341	19.669	ng/ul	0.00
31) 4-Chloroaniline-d4	10.872	131	206995	19.611	ng/ul	0.00
46) Dimethylphthalate-d6	13.977	166	434773	19.642	ng/ul	0.00
49) Acenaphthylene-d8	14.260	160	543195	20.033	ng/ul	0.00
54) 4-Nitrophenol-d4	14.754	143	70673	18.688	ng/ul	0.00
60) Fluorene-d10	15.554	176	354463	19.178	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.671	200	64019	17.613	ng/ul	0.00
73) Anthracene-d10	17.401	188	537919	19.401	ng/ul	0.00
81) Pyrene-d10	19.689	212	574222	19.752	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.706	264	472843	19.086	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	23613	7.329	ng/uL#	91
5) Pyridine	3.737	79	136614	16.060	ng/ul	91
6) Benzaldehyde	7.060	77	143520	24.366	ng/ul	83
8) Phenol	7.113	94	209945	20.986	ng/ul#	82
10) Bis(2-Chloroethyl)ether	7.348	93	164389	20.804	ng/ul	92
12) 2-Chlorophenol	7.490	128	173397	21.176	ng/ul#	88
13) 2-Methylphenol	8.372	108	160367	21.224	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.466	45	229963	21.619	ng/ul#	94
16) Acetophenone	8.754	105	265822	21.662	ng/ul#	86
17) N-Nitroso-di-n-propyla...	8.742	70	136241	21.868	ng/ul	87
18) 4-Methylphenol	8.701	108	170465	21.147	ng/ul	94
19) Hexachloroethane	9.019	117	74386	20.937	ng/ul	87
22) Nitrobenzene	9.136	77	199466	20.599	ng/ul#	89
23) Isophorone	9.666	82	342967	19.735	ng/ul	97
25) 2-Nitrophenol	9.848	139	96358	21.263	ng/ul#	82
26) 2,4-Dimethylphenol	9.913	107	208034	21.044	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.148	93	216120	20.004	ng/ul	97
29) 2,4-Dichlorophenol	10.389	162	160565	21.025	ng/ul	98
30) Naphthalene	10.795	128	561160	20.812	ng/ul	99
32) 4-Chloroaniline	10.895	127	227238	21.203	ng/ul	100
33) Hexachlorobutadiene	11.089	225	115455	20.430	ng/ul	96
34) Caprolactam	11.672	113	42782	19.684	ng/ul	79
35) 4-Chloro-3-methylphenol	12.019	107	181681	20.761	ng/ul	88

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.401	142	392287	22.083	ng/ul	100
37) 1-Methylnaphthalene	12.619	142	364217	20.001	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.772	216	193549	20.545	ng/ul	97
40) Hexachlorocyclopentadiene	12.754	237	140712	20.247	ng/ul	99
41) 2,4,6-Trichlorophenol	13.007	196	123475	21.048	ng/ul	99
42) 2,4,5-Trichlorophenol	13.077	196	131640	21.153	ng/ul	94
43) 1,1'-Biphenyl	13.407	154	483960	20.382	ng/ul	99
44) 2-Chloronaphthalene	13.448	162	372454	20.804	ng/ul	98
45) 2-Nitroaniline	13.648	65	115584	21.939	ng/ul#	82
47) Dimethylphthalate	14.024	163	460838	20.729	ng/ul	99
48) 2,6-Dinitrotoluene	14.142	165	97224	22.913	ng/ul	90
50) Acenaphthylene	14.289	152	588890	20.369	ng/ul	99
51) 3-Nitroaniline	14.466	138	98830	23.593	ng/ul	86
52) Acenaphthene	14.630	153	395493	20.895	ng/ul	97
53) 2,4-Dinitrophenol	14.671	184	48226	18.625	ng/ul#	86
55) 4-Nitrophenol	14.766	109	72411	19.835	ng/ul	85
56) Dibenzofuran	14.966	168	552971	20.760	ng/ul	100
57) 2,4-Dinitrotoluene	14.924	165	131510	21.722	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.189	232	112340m	21.941	ng/ul	
59) Diethylphthalate	15.383	149	462994	20.447	ng/ul	100
61) Fluorene	15.613	166	446288	20.936	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.607	204	223178	20.497	ng/ul	98
63) 4-Nitroaniline	15.618	138	99795	24.697	ng/ul	83
66) 4,6-Dinitro-2-methylph...	15.683	198	69780	19.214	ng/ul#	94
67) N-Nitrosodiphenylamine	15.813	169	376666	20.965	ng/ul	99
68) 4-Bromophenyl-phenylether	16.495	248	128986	20.619	ng/ul	96
69) Hexachlorobenzene	16.618	284	147270	20.589	ng/ul	94
70) Atrazine	16.765	200	124085	18.355	ng/ul	99
71) Pentachlorophenol	16.954	266	88423	19.274	ng/ul	95
72) Phenanthrene	17.348	178	673252	20.679	ng/ul	100
74) Anthracene	17.436	178	686573	20.984	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.371	216	187343	18.515	ng/uL	98
76) Pentachlorobenzene	14.889	250	174348	19.329	ng/uL	99
77) Carbazole	17.701	167	590683	20.396	ng/ul	99
78) Di-n-butylphthalate	18.271	149	733108	20.357	ng/ul	98
80) Fluoranthene	19.353	202	721840	20.743	ng/ul	99
82) Pyrene	19.718	202	745450	20.959	ng/ul	99
83) Butylbenzylphthalate	20.606	149	297260	20.512	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.383	252	229031	23.372	ng/ul	98
85) Benzo(a)anthracene	21.453	228	654557	20.518	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.383	149	434044	20.538	ng/ul	99
87) Chrysene	21.506	228	640023	20.530	ng/ul	98
89) Di-n-octyl phthalate	22.300	149	699046	20.467	ng/ul	100
90) Benzo(b)fluoranthene	23.130	252	641533	20.023	ng/ul	100
91) Benzo(k)fluoranthene	23.177	252	625923	21.279	ng/ul	99
93) Benzo(a)pyrene	23.753	252	612061	20.202	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.359	276	721416	20.600	ng/ul	97
95) Dibenzo(a,h)anthracene	26.377	278	618582	20.408	ng/ul	98
96) Benzo(g,h,i)perylene	27.124	276	607320	20.625	ng/ul	99

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

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