Quantitation Report (Qedit)

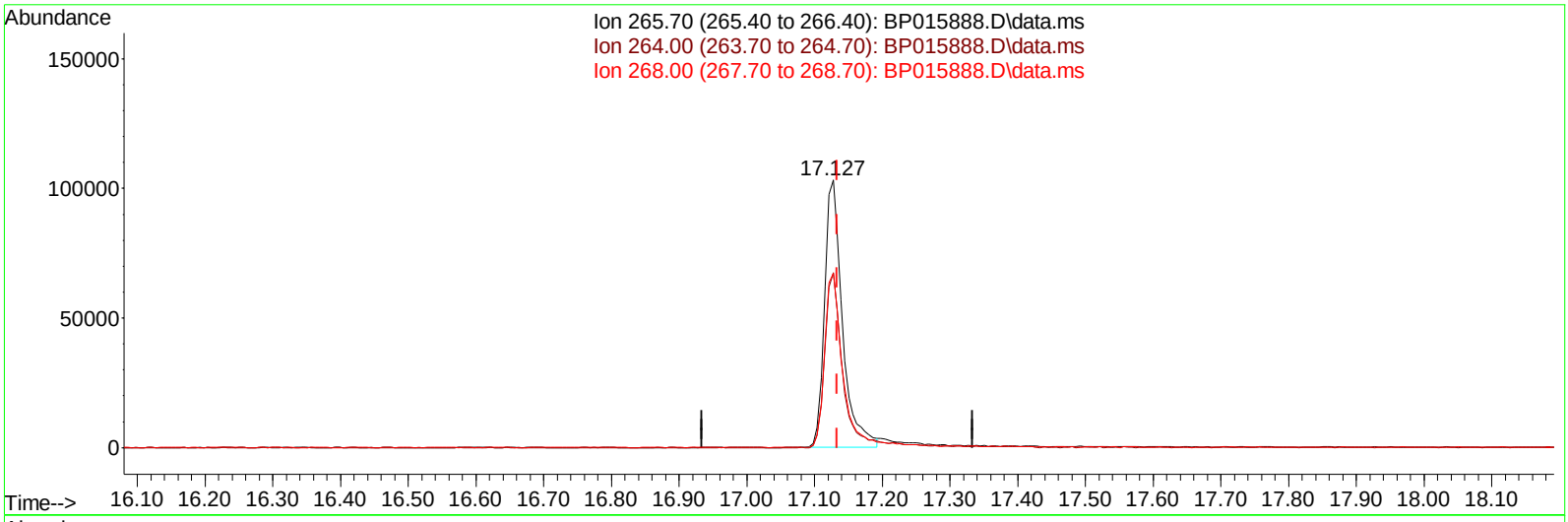
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015888.D
Acq On : 01 Jul 2023 17:39
Operator : MA/JU
Sample : PB153698BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

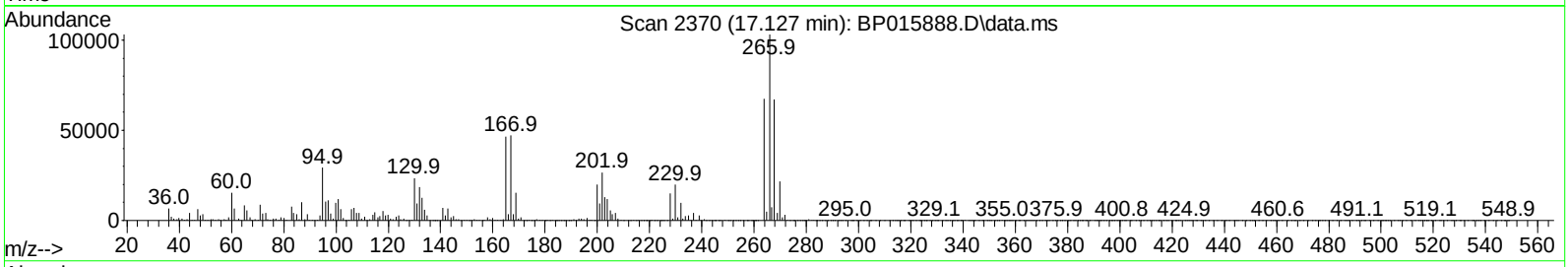
Quant Time: Jul 02 02:42:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 02:29:46 2023
Response via : Initial Calibration

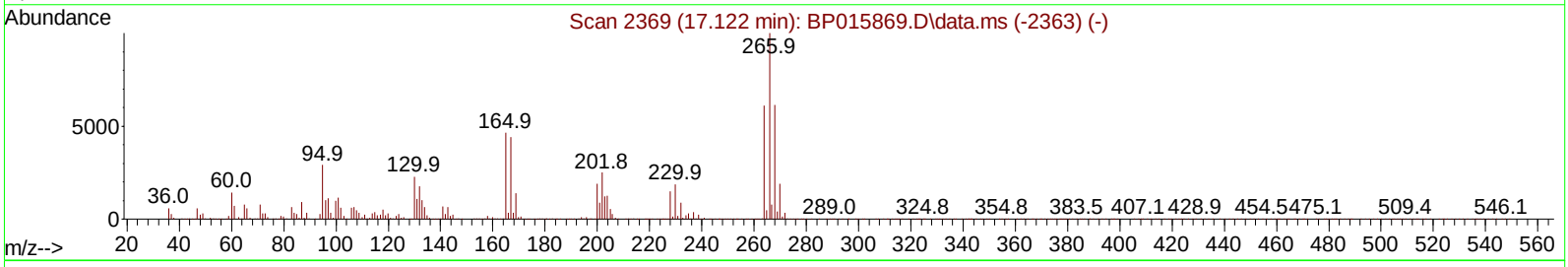
Instrument :
BNA_P
ClientSampleId :
SLCS698

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023







TIC: BP015888.D\data.ms

(71) Pentachlorophenol (C)

17.127min (-0.006) 26.28 ng/ul

response 190292

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	66.80	65.46
268.00	64.30	65.15
0.00	0.00	0.00

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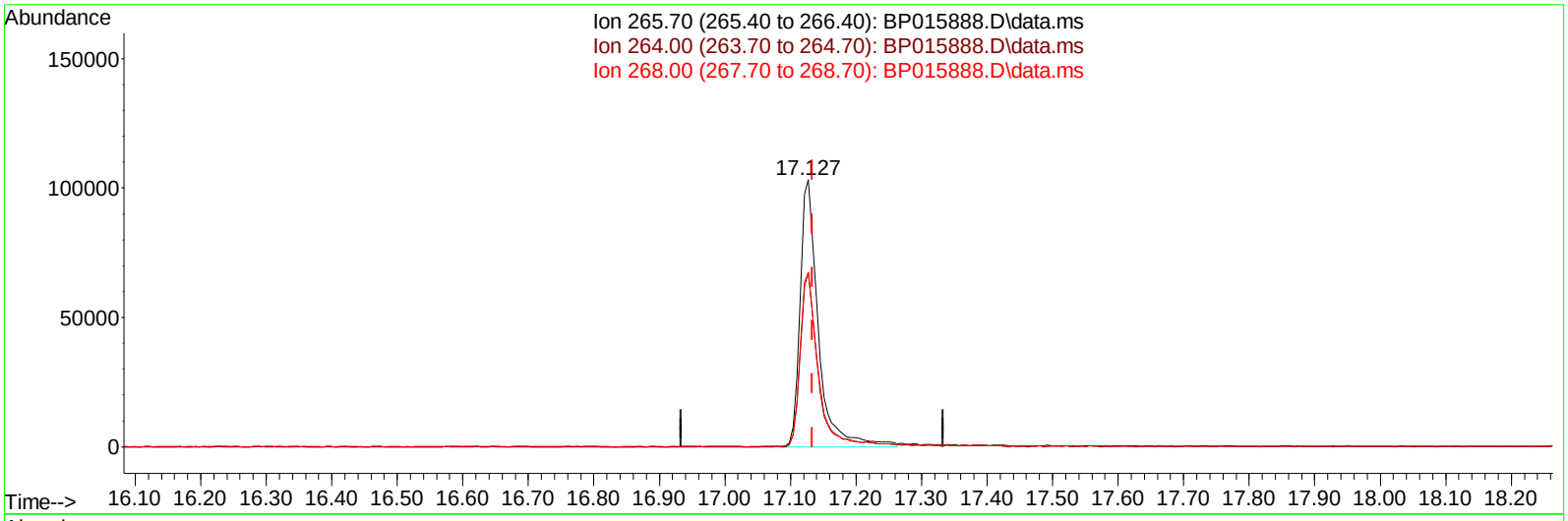

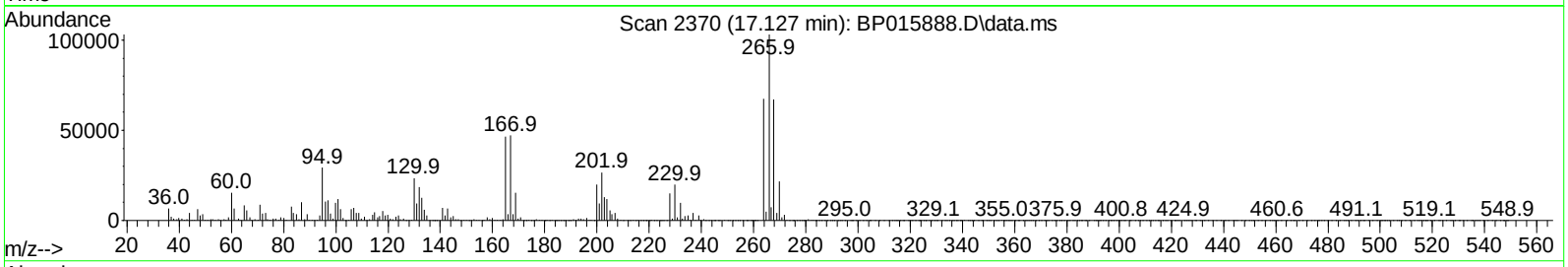

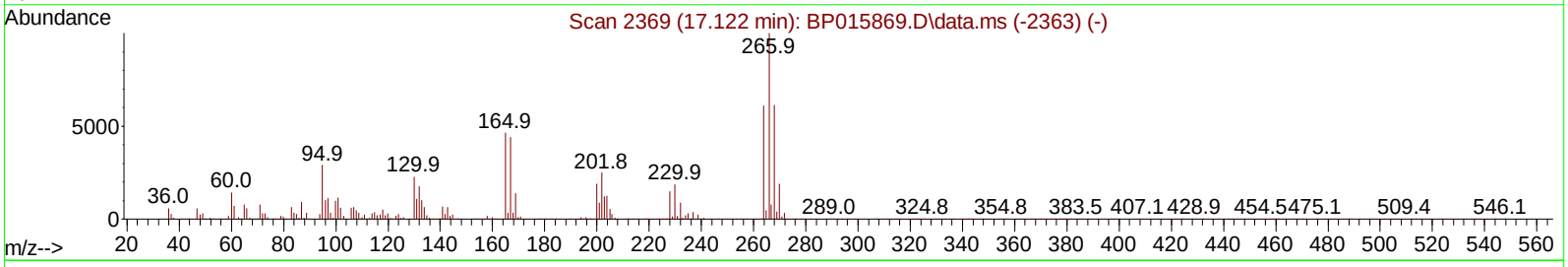

TIC: BP015888.D\data.ms

(71) Pentachlorophenol (C)

17.127min (-0.006) 27.60 ng/ul m

response 199800

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	66.80	65.46
268.00	64.30	65.15
0.00	0.00	0.00

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Acq On : 01 Jul 2023 17:39
Operator : MA/JU
Sample : PB153698BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Jul 02 02:54:57 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 02:29:46 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	296331	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1233541	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	662639	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1119527	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	886450	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	1060051	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	48382	5.874	ng/uL	0.00
4) Pyridine-d5	3.816	84	670075	32.274	ng/ul	0.00
7) Phenol-d5	7.222	99	884387	34.881	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	584396	37.255	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	690791	36.093	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	697595	34.828	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	342508	36.332	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	378580	34.408	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	643606	32.826	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.028	131	862750	34.254	ng/ul	-0.01
46) Dimethylphthalate-d6	14.104	166	1774348	34.644	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	2014934	34.997	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	191003	28.260	ng/ul	-0.02
60) Fluorene-d10	15.692	176	1363116	32.323	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.851	200	212665	30.888	ng/ul	-0.01
73) Anthracene-d10	17.563	188	1779763	34.803	ng/ul	0.00
81) Pyrene-d10	19.792	212	1829674	31.610	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1949884	36.464	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	102128	11.522	ng/uL	98
5) Pyridine	3.840	79	656664	30.233	ng/ul	93
6) Benzaldehyde	7.193	77	539808	52.660	ng/ul	97
8) Phenol	7.251	94	927945	35.268	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.469	93	761307	36.367	ng/ul	99
12) 2-Chlorophenol	7.610	128	704216	34.633	ng/ul	98
13) 2-Methylphenol	8.510	108	688779	34.673	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.581	45	1107571	38.737	ng/ul	98
16) Acetophenone	8.893	105	1099148	33.383	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.869	70	606824	33.183	ng/ul	99
18) 4-Methylphenol	8.845	108	734837	34.428	ng/ul	100
19) Hexachloroethane	9.128	117	295394	31.454	ng/ul	94
22) Nitrobenzene	9.275	77	874423	33.030	ng/ul	96
23) Isophorone	9.804	82	1662455	32.815	ng/ul	99
25) 2-Nitrophenol	9.992	139	392322	33.598	ng/ul	91
26) 2,4-Dimethylphenol	10.051	107	743547	28.966	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.281	93	1023425	35.785	ng/ul	98
29) 2,4-Dichlorophenol	10.539	162	633219	32.485	ng/ul	99
30) Naphthalene	10.922	128	2191639	32.683	ng/ul	99
32) 4-Chloroaniline	11.057	127	741316	28.329	ng/ul	98
33) Hexachlorobutadiene	11.187	225	404627	27.487	ng/ul	99
34) Caprolactam	11.863	113	198387	33.272	ng/ul	95
35) 4-Chloro-3-methylphenol	12.192	107	701470	30.743	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36)	2-Methylnaphthalene	12.534	142	1402119	31.762 ng/ul	98
37)	1-Methylnaphthalene	12.751	142	1414988	31.421 ng/ul#	98
39)	1,2,4,5-Tetrachloroben...	12.898	216	739006	33.843 ng/ul	98
40)	Hexachlorocyclopentadiene	12.857	237	100479	15.381 ng/ul	99
41)	2,4,6-Trichlorophenol	13.151	196	437663	31.715 ng/ul	97
42)	2,4,5-Trichlorophenol	13.239	196	485829	33.191 ng/ul	97
43)	1,1'-Biphenyl	13.533	154	1823316	34.740 ng/ul	98
44)	2-Chloronaphthalene	13.581	162	1419940	34.342 ng/ul	98
45)	2-Nitroaniline	13.810	65	460765	35.417 ng/ul	93
47)	Dimethylphthalate	14.151	163	1761301	33.229 ng/ul	98
48)	2,6-Dinitrotoluene	14.298	165	361422	33.615 ng/ul	95
50)	Acenaphthylene	14.422	152	2126413	33.519 ng/ul	100
51)	3-Nitroaniline	14.639	138	342081	40.572 ng/ul	95
52)	Acenaphthene	14.763	153	1466982	33.347 ng/ul	98
53)	2,4-Dinitrophenol	14.875	184	120922	21.198 ng/ul	89
55)	4-Nitrophenol	14.969	109	133351	19.039 ng/ul#	79
56)	Dibenzofuran	15.098	168	1970091	32.260 ng/ul	97
57)	2,4-Dinitrotoluene	15.104	165	455693	31.102 ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.339	232	336730	26.783 ng/ul	99
59)	Diethylphthalate	15.510	149	1758789	32.789 ng/ul	99
61)	Fluorene	15.751	166	1550901	31.310 ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.733	204	776718	30.645 ng/ul	97
63)	4-Nitroaniline	15.810	138	281632	48.804 ng/ul	87
66)	4,6-Dinitro-2-methylph...	15.869	198	211893	30.418 ng/ul	99
67)	N-Nitrosodiphenylamine	15.957	169	1293303	38.589 ng/ul	98
68)	4-Bromophenyl-phenylether	16.633	248	455361	35.619 ng/ul	95
69)	Hexachlorobenzene	16.763	284	497958	33.011 ng/ul	98
70)	Atrazine	16.916	200	143275	11.168 ng/ul	96
71)	Pentachlorophenol	17.127	266	199800m	27.597 ng/ul	
72)	Phenanthrene	17.504	178	2099347	34.518 ng/ul	100
74)	Anthracene	17.598	178	2090538	34.208 ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.504	216	713480	39.166 ng/uL	99
76)	Pentachlorobenzene	15.022	250	664838	36.161 ng/uL	99
77)	Carbazole	17.880	167	1809448	35.129 ng/ul	99
78)	Di-n-butylphthalate	18.386	149	2667691	39.066 ng/ul	99
80)	Fluoranthene	19.463	202	2173878	30.219 ng/ul#	92
82)	Pyrene	19.821	202	2252113	30.690 ng/ul#	92
83)	Butylbenzylphthalate	20.662	149	1036042	34.607 ng/ul	96
84)	3,3'-Dichlorobenzidine	21.462	252	744971	37.176 ng/ul	98
85)	Benzo(a)anthracene	21.533	228	2164027	34.704 ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.410	149	1499912	36.456 ng/ul#	99
87)	Chrysene	21.592	228	2065978	34.921 ng/ul	99
89)	Di-n-octyl phthalate	22.374	149	2589401	33.425 ng/ul	100
90)	Benzo(b)fluoranthene	23.309	252	2308778	33.896 ng/ul#	97
91)	Benzo(k)fluoranthene	23.356	252	2311396	33.587 ng/ul#	96
93)	Benzo(a)pyrene	23.980	252	2083063	35.000 ng/ul#	97
94)	Indeno(1,2,3-cd)pyrene	26.797	276	2801711	34.677 ng/ul#	92
95)	Dibenzo(a,h)anthracene	26.803	278	2318891	34.942 ng/ul#	96
96)	Benzo(g,h,i)perylene	27.633	276	2299947	34.602 ng/ul#	94

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

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