Quantitation Report (Qedit)

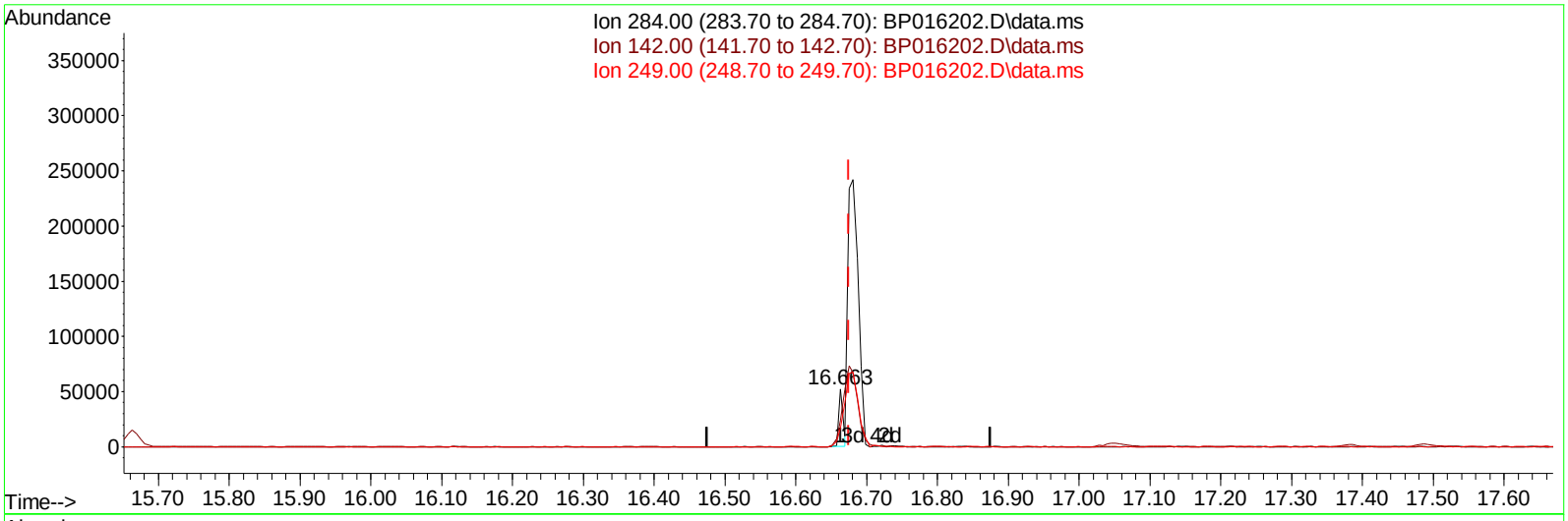
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
Data File : BP016202.D
Acq On : 13 Jul 2023 10:32
Operator : MA/JU
Sample : 03414-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

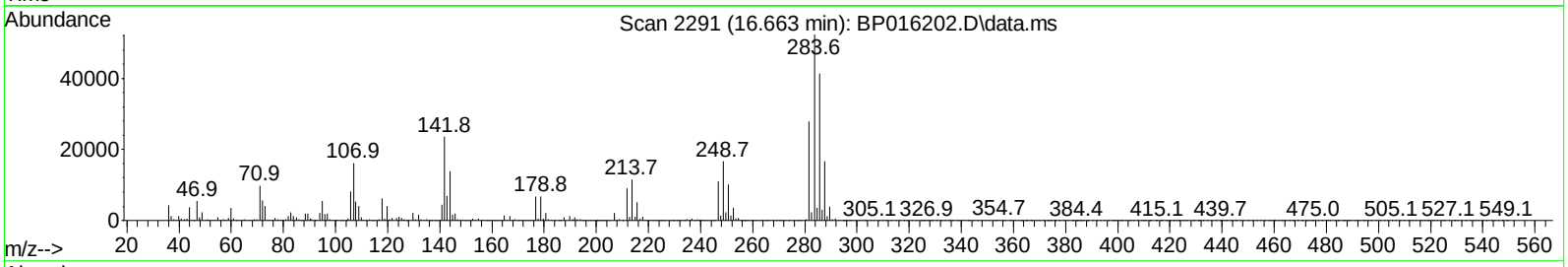
Quant Time: Jul 17 21:01:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

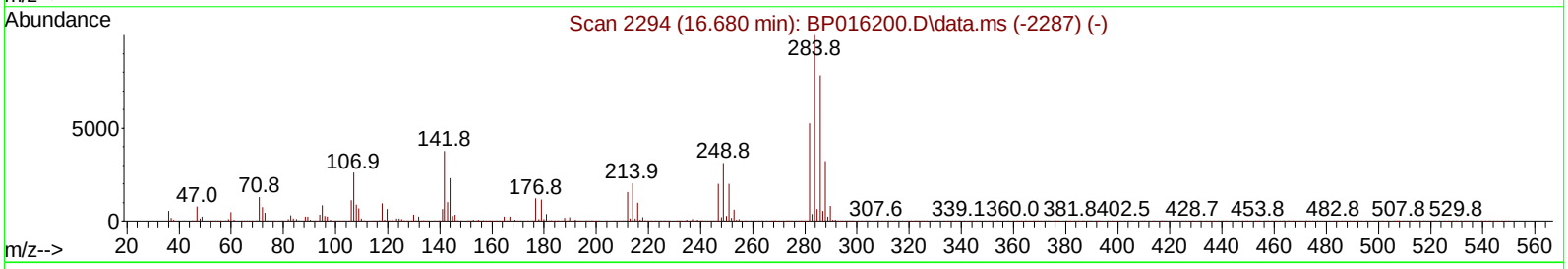
Instrument :
BNA_P
ClientSampleId :
A4667

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :Sohil Jodhani 07/13/2023







TIC: BP016202.D\data.ms

(69) Hexachlorobenzene

16.663min (-0.012) 1.64 ng/ul

response 21841

Ion	Exp%	Act%
284.00	100.00	100.00
142.00	37.80	42.14
249.00	31.20	33.94
0.00	0.00	0.00

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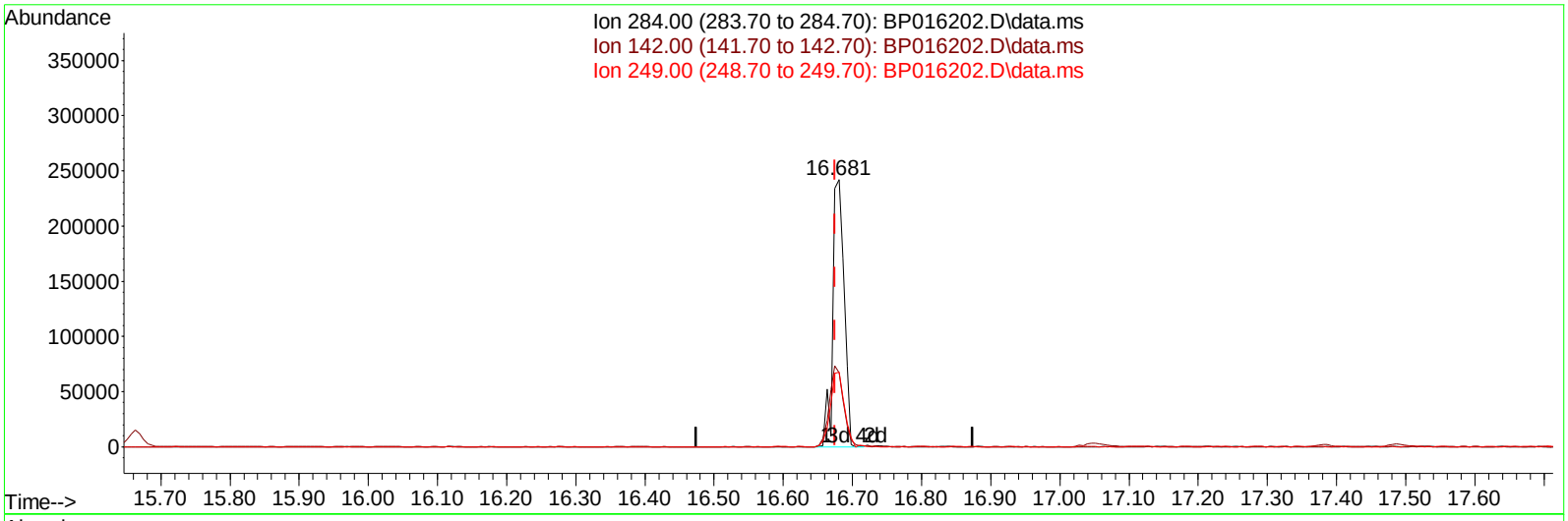

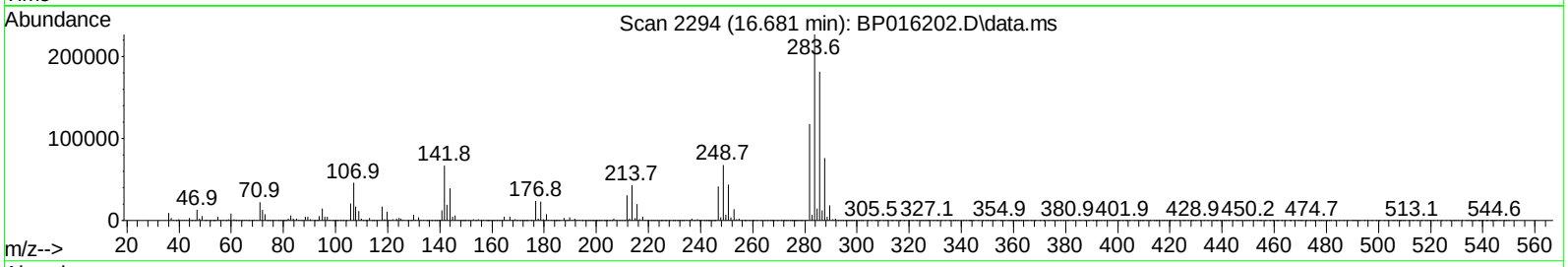

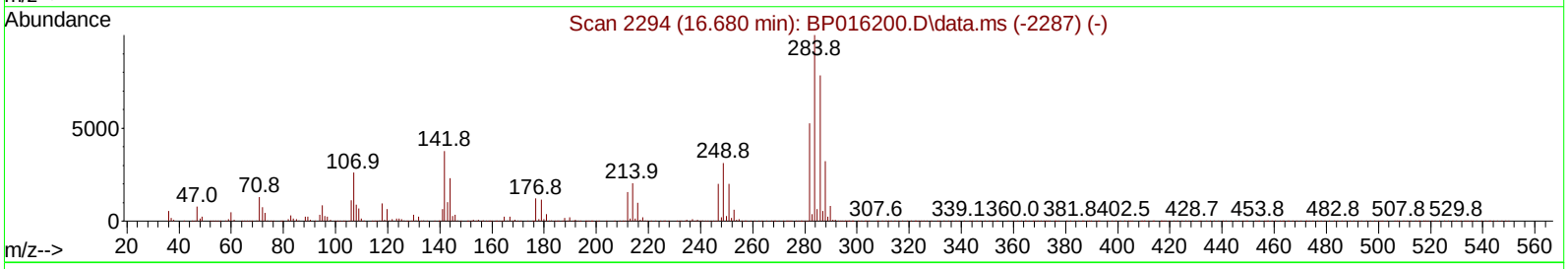

TIC: BP016202.D\data.ms

(69) Hexachlorobenzene

16.681min (+ 0.006) 20.85 ng/ul m

response 276985

Ion	Exp%	Act%
284.00	100.00	100.00
142.00	37.80	29.64#
249.00	31.20	29.90
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	7.969	152	148498	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	680625	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.616	164	478406	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1160712	20.000	ng/ul	0.00
79) Chrysene-d12	21.475	240	1301022	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	1591744	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	16810	4.006	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.152	99	365560	27.254	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	218225	24.060	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	274166	28.315	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	244692	22.646	ng/ul	0.01
21) Nitrobenzene-d5	9.163	128	132918	28.307	ng/ul	0.01
24) 2-Nitrophenol-d4	9.893	143	150504	28.122	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.463	165	282087	30.438	ng/ul	0.02
31) 4-Chloroaniline-d4	10.987	131	374502	25.211	ng/ul	0.03
46) Dimethylphthalate-d6	14.034	166	1230282	33.713	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	1211057	30.281	ng/ul	0.01
54) 4-Nitrophenol-d4	14.910	143	140619	18.881	ng/ul	-0.02
60) Fluorene-d10	15.622	176	1040707	34.075	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.793	200	194613	29.044	ng/ul	0.00
73) Anthracene-d10	17.487	188	1818081	35.809	ng/ul	0.00
81) Pyrene-d10	19.716	212	2421644	35.871	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.810	264	2952004	38.619	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	86622	18.818	ng/uL#	94
6) Benzaldehyde	7.122	77	267625	31.954	ng/ul	95
8) Phenol	7.181	94	464429	32.301	ng/ul	97
12) 2-Chlorophenol	7.528	128	224447	22.342	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.787	70	229770	24.054	ng/ul	98
22) Nitrobenzene	9.210	77	267053	19.575	ng/ul	99
25) 2-Nitrophenol	9.934	139	128661	22.376	ng/ul	98
29) 2,4-Dichlorophenol	10.499	162	245930	25.807	ng/ul	94
30) Naphthalene	10.840	128	591538	16.561	ng/ul	99
33) Hexachlorobutadiene	11.087	225	174514	26.963	ng/ul	98
35) 4-Chloro-3-methylphenol	12.116	107	484909	41.235	ng/ul	98
37) 1-Methylnaphthalene	12.669	142	563999	22.899	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	272574	20.005	ng/ul	98
41) 2,4,6-Trichlorophenol	13.087	196	278233	32.321	ng/ul	95
43) 1,1'-Biphenyl	13.451	154	886307	25.397	ng/ul	98
44) 2-Chloronaphthalene	13.504	162	427791	15.602	ng/ul	99
47) Dimethylphthalate	14.081	163	729022	19.779	ng/ul	99
48) 2,6-Dinitrotoluene	14.240	165	181460	26.115	ng/ul	97
52) Acenaphthene	14.681	153	657284	21.157	ng/ul	100
55) 4-Nitrophenol	14.922	109	101265	17.867	ng/ul#	75
56) Dibenzofuran	15.034	168	799778	18.900	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.287	232	225645	27.167	ng/ul#	89
62) 4-Chlorophenyl-phenyle...	15.663	204	311550	18.222	ng/ul	96

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
66) 4,6-Dinitro-2-methylph...	15.810	198	316705	45.222 ng/ul#	90
69) Hexachlorobenzene	16.681	284	276985m	20.851 ng/ul	
71) Pentachlorophenol	17.045	266	280226	42.067 ng/ul	93
72) Phenanthrene	17.422	178	1227606	20.298 ng/ul	100
74) Anthracene	17.522	178	1377677	22.670 ng/ul	99
77) Carbazole	17.810	167	1195982	21.585 ng/ul	99
78) Di-n-butylphthalate	18.316	149	1431275	20.621 ng/ul	99
80) Fluoranthene	19.392	202	3562057	45.121 ng/ul	96
82) Pyrene	19.751	202	2598524	30.830 ng/ul	95
83) Butylbenzylphthalate	20.598	149	665661	18.313 ng/ul	92
85) Benzo(a)anthracene	21.457	228	3326075	39.259 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1262604	23.252 ng/ul	99
87) Chrysene	21.522	228	2433302	28.352 ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	2759309	30.348 ng/ul	98
91) Benzo(k)fluoranthene	23.210	252	2759309	29.822 ng/ul	98
93) Benzo(a)pyrene	23.869	252	2409074	26.746 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.621	276	3350801	30.043 ng/ul	95
95) Dibenzo(a,h)anthracene	26.627	278	2186227	24.031 ng/ul	97

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

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