Quantitation Report (Qedit)

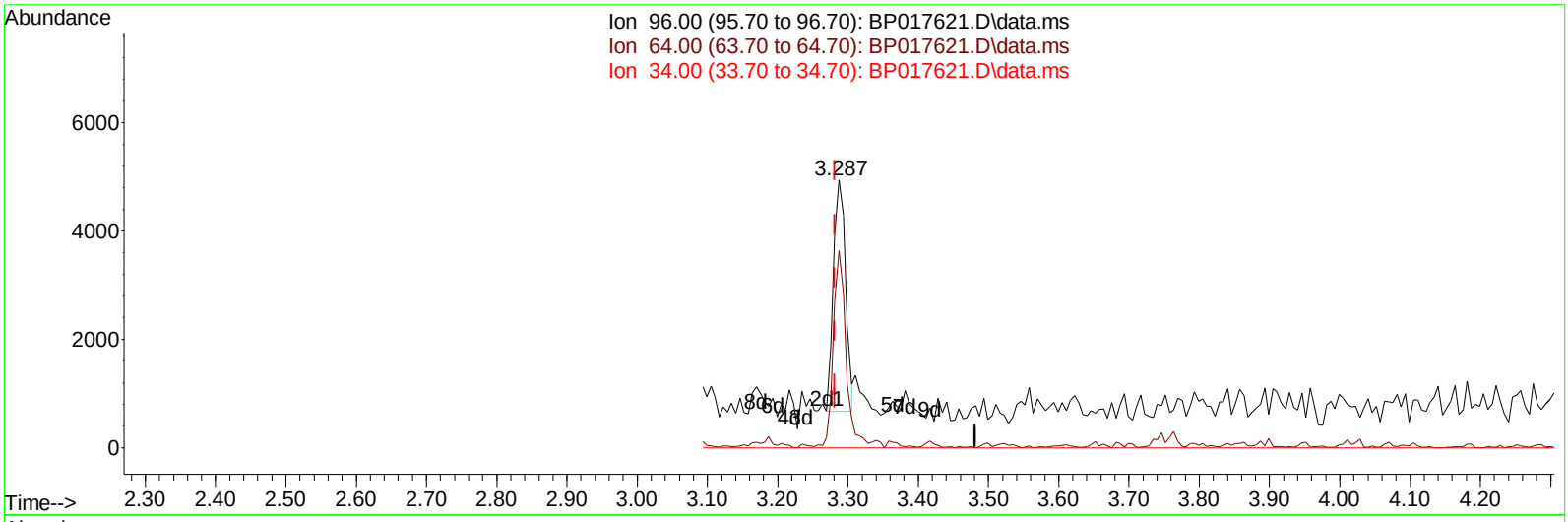
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100923\
Data File : BP017621.D
Acq On : 09 Oct 2023 16:48
Operator : MA/JU
Sample : SSTD00566
Misc :
ALS Vial : 2 Sample Multiplier: 1

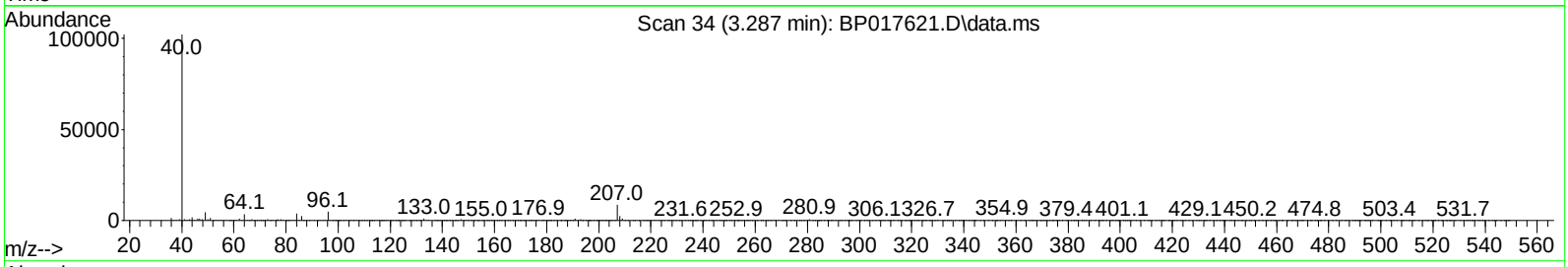
Quant Time: Oct 10 04:15:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 03:51:30 2023
Response via : Initial Calibration

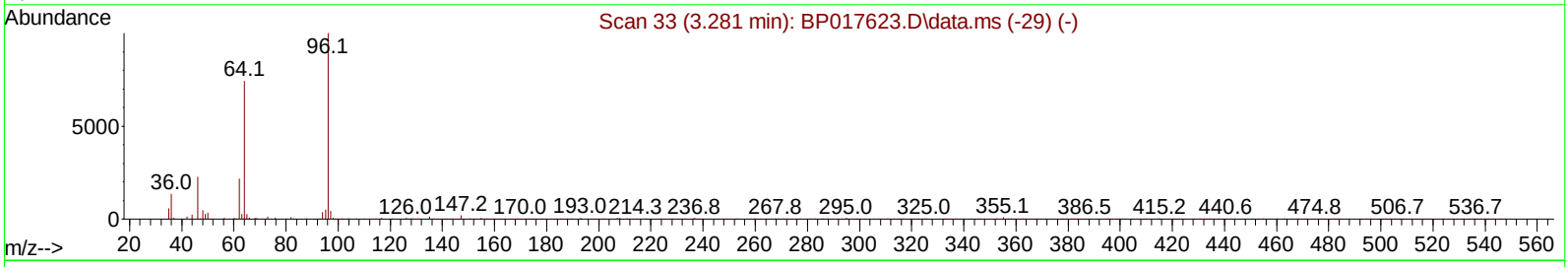
Instrument :
BNA_P
ClientSampleId :
SSTD005631

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :mohammad ahmed 10/11/2023







TIC: BP017621.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.287min (+ 0.006) 1.60 ng/uL

response 5087

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.30	73.60
34.00	0.00	0.00
0.00	0.00	0.00

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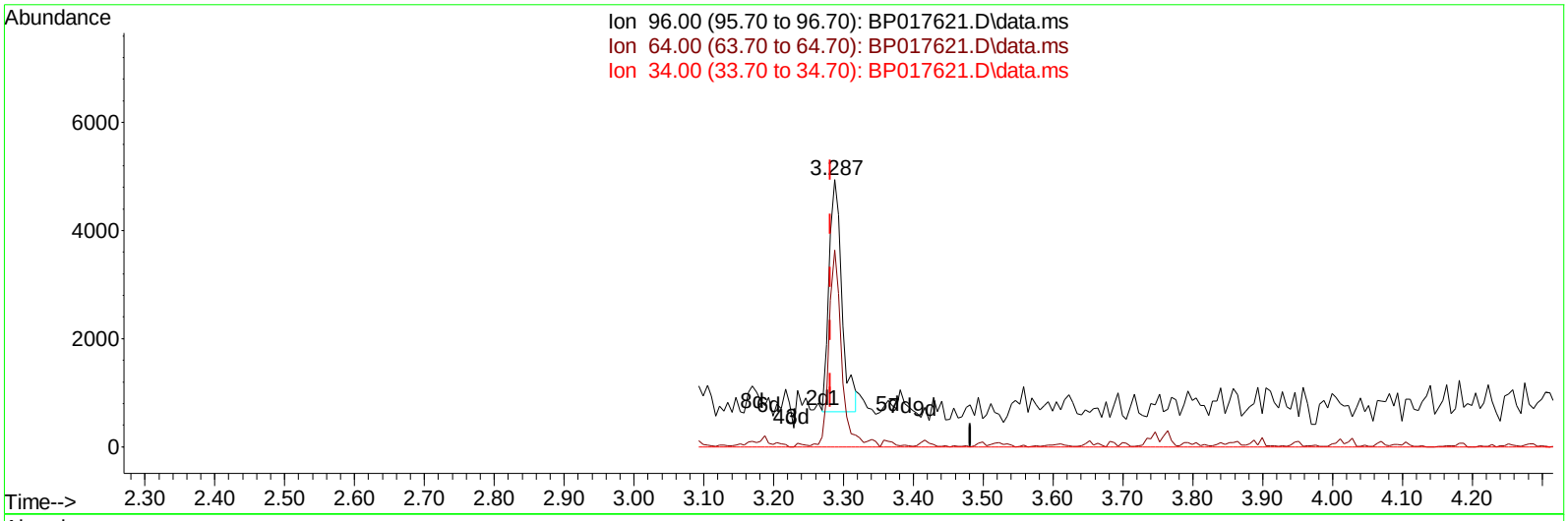

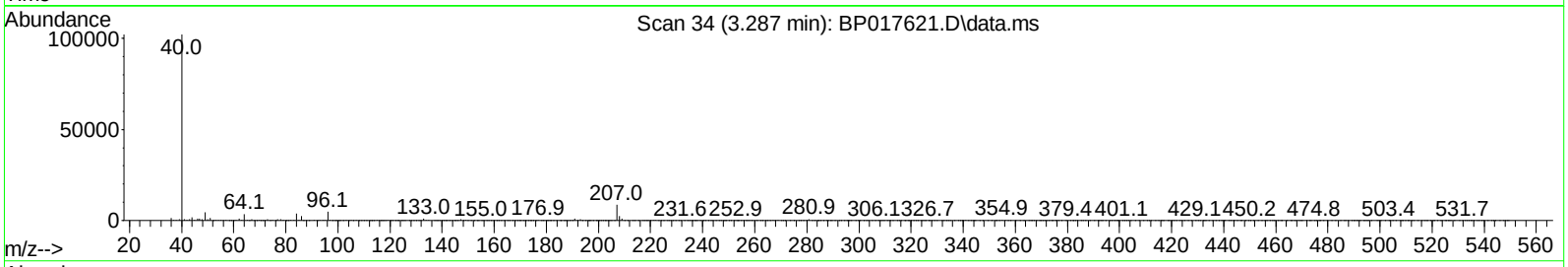

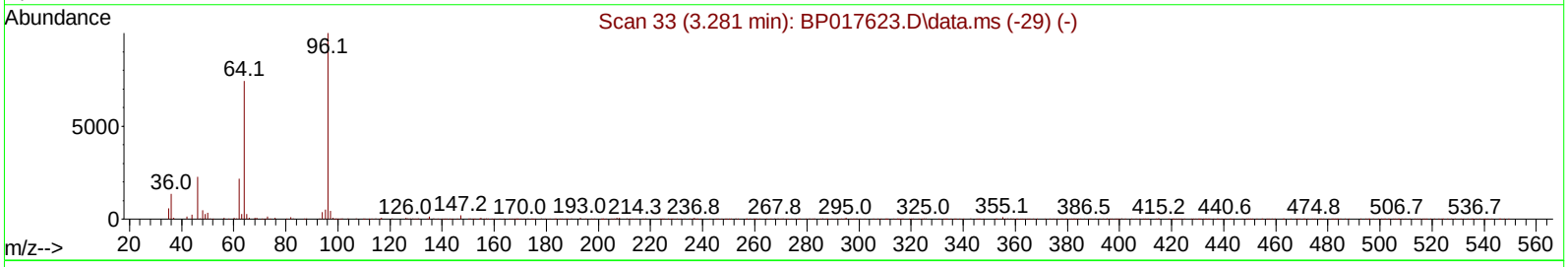

TIC: BP017621.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.287min (+ 0.006) 1.73 ng/uL m

response 5517

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.30	73.60
34.00	0.00	0.00
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	7.934	152	127168	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	515236	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.634	164	339802	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.422	188	821653	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	852411	20.000	ng/ul	0.01
88) Perylene-d12	24.145	264	952369	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	5517m	1.735	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.458	132	34510	4.094	ng/ul	0.01
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.152	128	16090	4.081	ng/ul	0.02
24) 2-Nitrophenol-d4	9.863	143	16631	3.775	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.399	165	32726	3.949	ng/ul	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.045	166	115026	4.335	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	116242	3.974	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.634	176	103176	4.553	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.522	188	166900	4.372	ng/ul	0.00
81) Pyrene-d10	19.780	212	204041	4.302	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.968	264	197197	4.090	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	6412	1.960	ng/uL#	88
12) 2-Chlorophenol	7.493	128	37596	4.397	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.758	70	28589	4.151	ng/ul	97
19) Hexachloroethane	8.999	117	16727	4.386	ng/ul	92
22) Nitrobenzene	9.193	77	43919	4.305	ng/ul	98
23) Isophorone	9.699	82	74387	4.019	ng/ul	98
25) 2-Nitrophenol	9.899	139	18115	3.834	ng/ul	95
26) 2,4-Dimethylphenol	9.940	107	40893	4.342	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.193	93	49299	4.340	ng/ul	96
29) 2,4-Dichlorophenol	10.428	162	35075	4.342	ng/ul	96
30) Naphthalene	10.822	128	130430	4.716	ng/ul	98
33) Hexachlorobutadiene	11.052	225	28970	4.857	ng/ul	91
35) 4-Chloro-3-methylphenol	12.087	107	35204	4.130	ng/ul	98
36) 2-Methylnaphthalene	12.446	142	87048	4.629	ng/ul	90
37) 1-Methylnaphthalene	12.663	142	90321	4.658	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.793	216	50791	4.521	ng/ul	97
41) 2,4,6-Trichlorophenol	13.057	196	28525	4.013	ng/ul	94
42) 2,4,5-Trichlorophenol	13.140	196	30068	4.023	ng/ul	99
43) 1,1'-Biphenyl	13.457	154	120061	4.602	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	96597	4.639	ng/ul	96
45) 2-Nitroaniline	13.757	65	19474	3.418	ng/ul	98
47) Dimethylphthalate	14.093	163	117866	4.426	ng/ul	100
48) 2,6-Dinitrotoluene	14.251	165	17734	3.607	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.357	152	140841	4.169	ng/ul	99
52) Acenaphthene	14.698	153	102440	4.578	ng/ul	99
56) Dibenzofuran	15.040	168	148564	4.700	ng/ul	98
57) 2,4-Dinitrotoluene	15.040	165	25716	3.481	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.263	232	26957	4.074	ng/ul	91
59) Diethylphthalate	15.457	149	115601	4.324	ng/ul	99
61) Fluorene	15.692	166	121532	4.668	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.687	204	64681	4.788	ng/ul	97
67) N-Nitrosodiphenylamine	15.916	169	97998	4.269	ng/ul	97
68) 4-Bromophenyl-phenylether	16.592	248	39294	4.443	ng/ul	95
69) Hexachlorobenzene	16.675	284	48199	4.632	ng/ul#	89
72) Phenanthrene	17.463	178	202878	4.560	ng/ul	98
74) Anthracene	17.557	178	197712	4.376	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	51656	4.226	ng/uL	98
76) Pentachlorobenzene	14.928	250	52619	4.305	ng/uL	99
78) Di-n-butylphthalate	18.363	149	182731	3.795	ng/ul	98
80) Fluoranthene	19.445	202	239625	4.347	ng/ul	99
82) Pyrene	19.804	202	259591	4.466	ng/ul	99
83) Butylbenzylphthalate	20.675	149	76143	3.422	ng/ul	99
85) Benzo(a)anthracene	21.545	228	266514	4.445	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	106054	3.326	ng/ul	98
87) Chrysene	21.598	228	254854	4.565	ng/ul	99
90) Benzo(b)fluoranthene	23.339	252	258141	4.310	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	257630	4.282	ng/ul	98
93) Benzo(a)pyrene	24.021	252	233328	4.159	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.892	276	279855	4.107	ng/ul	99
95) Dibenzo(a,h)anthracene	26.915	278	226037	3.966	ng/ul	97
96) Benzo(g,h,i)perylene	27.739	276	240868	4.398	ng/ul	98

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

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