Quantitation Report (Qedit)

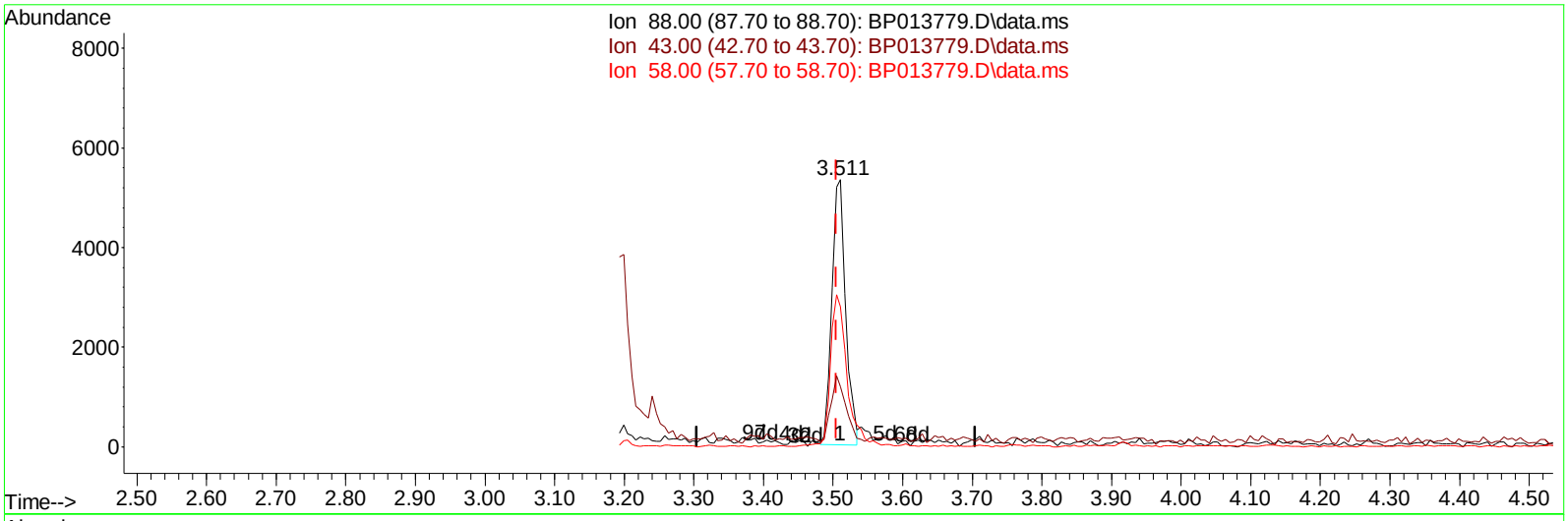
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020723\
Data File : BP013779.D
Acq On : 07 Feb 2023 15:50
Operator : CG/JU
Sample : SSTD00529
Misc :
ALS Vial : 2 Sample Multiplier: 1

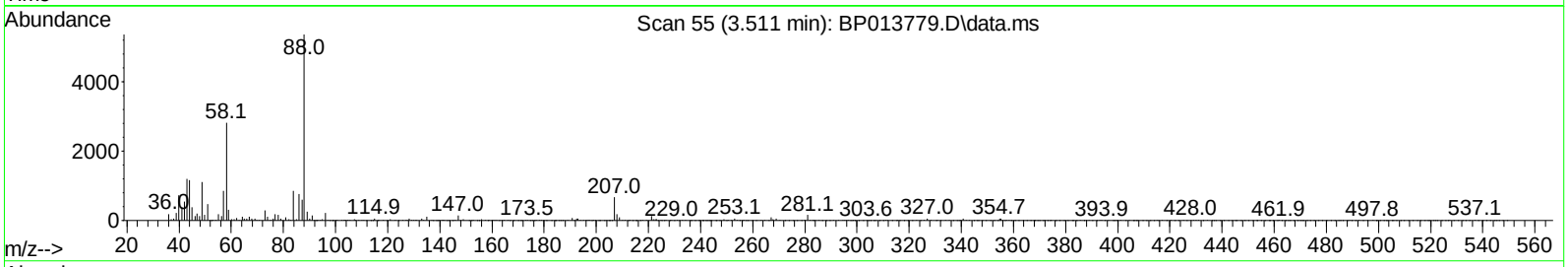
Quant Time: Feb 08 00:01:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 07 23:57:24 2023
Response via : Initial Calibration

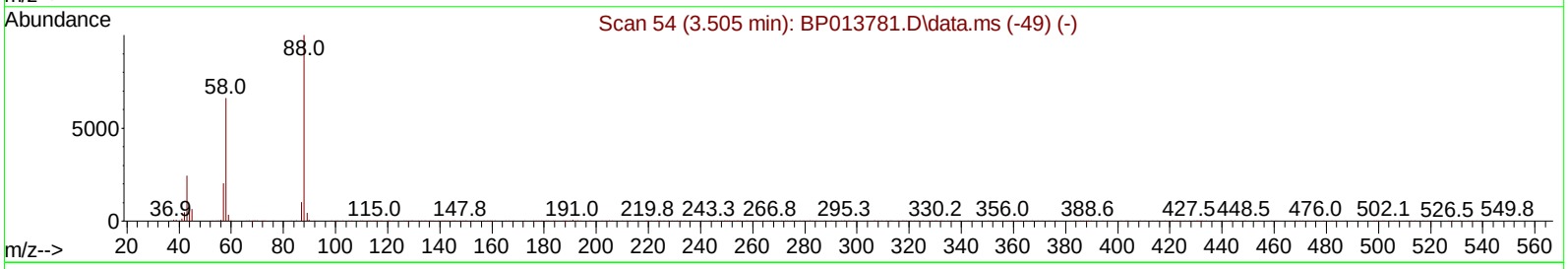
Instrument :
BNA_P
ClientSampleId :
SSTD005610

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023







TIC: BP013779.D\data.ms

(2) 1,4-Dioxane

3.511min (+ 0.006) 2.09 ng/uL

response 7345

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	25.10	22.47
58.00	66.30	52.42#
0.00	0.00	0.00

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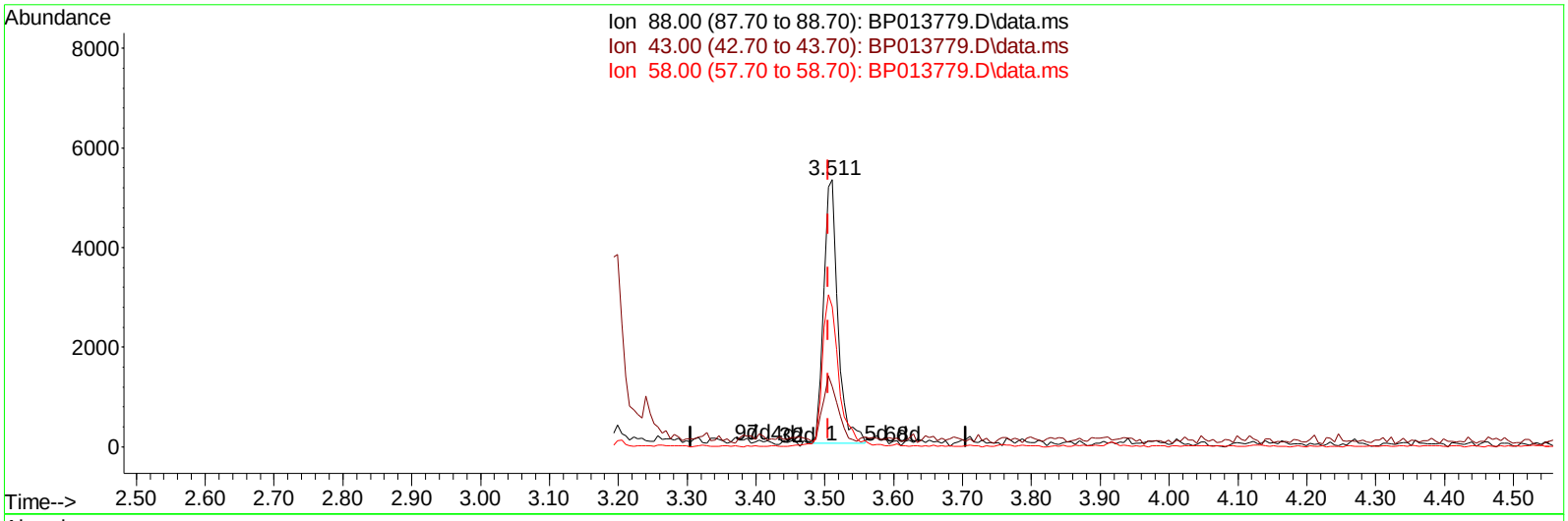

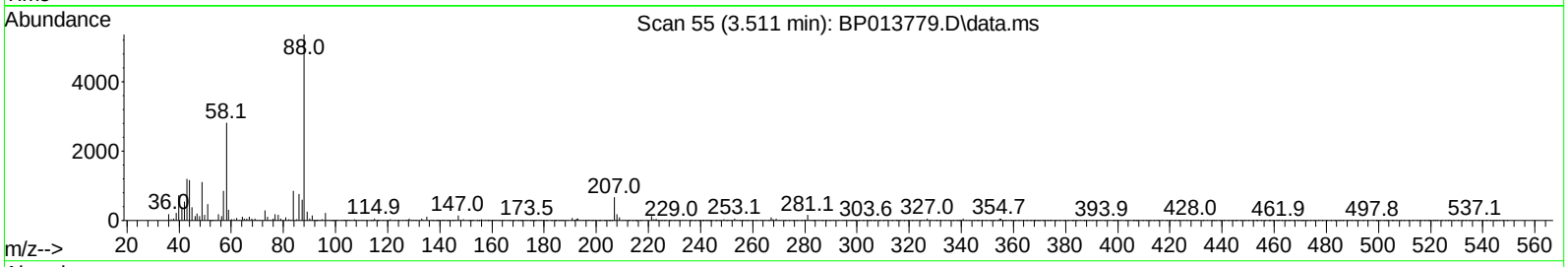

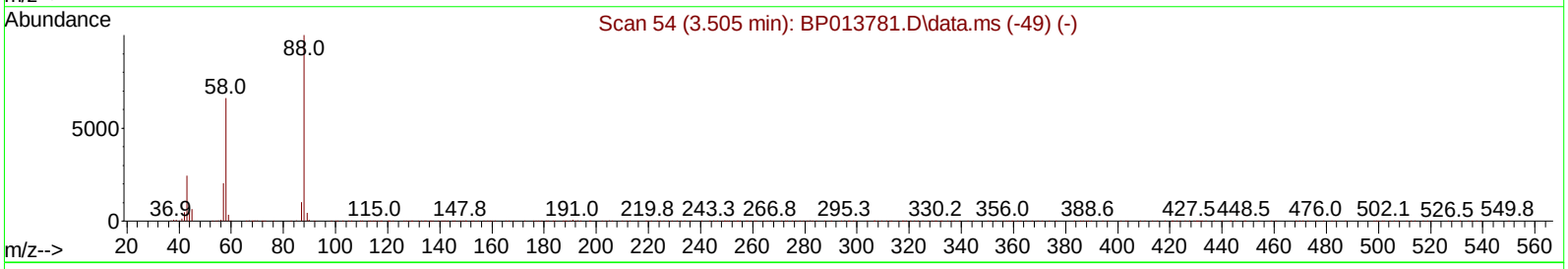

TIC: BP013779.D\data.ms

(2) 1,4-Dioxane

3.511min (+ 0.006) 2.15 ng/uL m

response 7555

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	25.10	22.47
58.00	66.30	52.42#
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	8.122	152	143015	20.000	ng/ul	0.00
20) Naphthalene-d8	10.951	136	636600	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	457136	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1108150	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1311306	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1372907	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	6529	1.936	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	7.652	132	40820	4.430	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.293	128	17618	4.338	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	19571	4.135	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	45343	4.097	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.163	166	170630	4.735	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	175586	4.410	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.751	176	148550	4.783	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.610	188	246715	4.776	ng/ul	0.00
81) Pyrene-d10	19.827	212	363753	4.974	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	310522	4.431	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	7555m	2.149	ng/uL	
12) 2-Chlorophenol	7.681	128	43286	4.637	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.934	70	36858	4.710	ng/ul	95
19) Hexachloroethane	9.222	117	18980	5.194	ng/ul	96
22) Nitrobenzene	9.340	77	49024	4.469	ng/ul	97
23) Isophorone	9.869	82	108364	4.315	ng/ul	99
25) 2-Nitrophenol	10.057	139	21354	4.078	ng/ul	99
26) 2,4-Dimethylphenol	10.110	107	56095	4.741	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.346	93	67357	4.426	ng/ul	96
29) 2,4-Dichlorophenol	10.593	162	45843	4.280	ng/ul	95
30) Naphthalene	11.004	128	163717	4.866	ng/ul	99
33) Hexachlorobutadiene	11.287	225	35268	4.669	ng/ul	99
35) 4-Chloro-3-methylphenol	12.216	107	50767	4.425	ng/ul	96
36) 2-Methylnaphthalene	12.598	142	112443	4.695	ng/ul	97
37) 1-Methylnaphthalene	12.816	142	117789	4.870	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.957	216	67253	4.454	ng/ul	96
41) 2,4,6-Trichlorophenol	13.198	196	41020	4.101	ng/ul	92
42) 2,4,5-Trichlorophenol	13.269	196	42996	3.944	ng/ul	99
43) 1,1'-Biphenyl	13.593	154	165913	4.794	ng/ul	99
44) 2-Chloronaphthalene	13.640	162	129452	4.728	ng/ul	99
45) 2-Nitroaniline	13.840	65	23472	4.503	ng/ul	95
47) Dimethylphthalate	14.204	163	171091	4.819	ng/ul	99
48) 2,6-Dinitrotoluene	14.328	165	22192	4.386	ng/ul	93

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50)	Acenaphthylene	14.487	152	199314	4.748	ng/ul	100
52)	Acenaphthene	14.822	153	143972	4.990	ng/ul	96
56)	Dibenzofuran	15.157	168	212041	5.060	ng/ul	100
57)	2,4-Dinitrotoluene	15.110	165	33860	4.261	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.381	232	42743	4.172	ng/ul#	95
59)	Diethylphthalate	15.563	149	170316	4.997	ng/ul	98
61)	Fluorene	15.804	166	176207	5.167	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.792	204	89544	4.819	ng/ul	97
67)	N-Nitrosodiphenylamine	16.010	169	144576	4.834	ng/ul	98
68)	4-Bromophenyl-phenylether	16.692	248	53393	4.235	ng/ul	95
69)	Hexachlorobenzene	16.810	284	65223	4.410	ng/ul	92
72)	Phenanthrene	17.557	178	291554	4.981	ng/ul	99
74)	Anthracene	17.645	178	291784	4.922	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.563	216	68981	4.369	ng/uL	97
76)	Pentachlorobenzene	15.075	250	72451	4.476	ng/uL	99
78)	Di-n-butylphthalate	18.445	149	297421	4.894	ng/ul	100
80)	Fluoranthene	19.504	202	422797	4.960	ng/ul	99
82)	Pyrene	19.857	202	459980	5.278	ng/ul	99
83)	Butylbenzylphthalate	20.710	149	122849	4.906	ng/ul	100
85)	Benzo(a)anthracene	21.569	228	427117	4.738	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.469	149	193939	4.517	ng/ul	99
87)	Chrysene	21.627	228	422900	4.983	ng/ul	97
90)	Benzo(b)fluoranthene	23.363	252	422056	4.709	ng/ul	99
91)	Benzo(k)fluoranthene	23.410	252	421986	4.927	ng/ul	97
93)	Benzo(a)pyrene	24.033	252	363802	4.702	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.851	276	438937	4.579	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.868	278	365542	4.600	ng/ul	99
96)	Benzo(g,h,i)perylene	27.680	276	351819	4.639	ng/ul	97

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

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