Quantitation Report (Qedit)

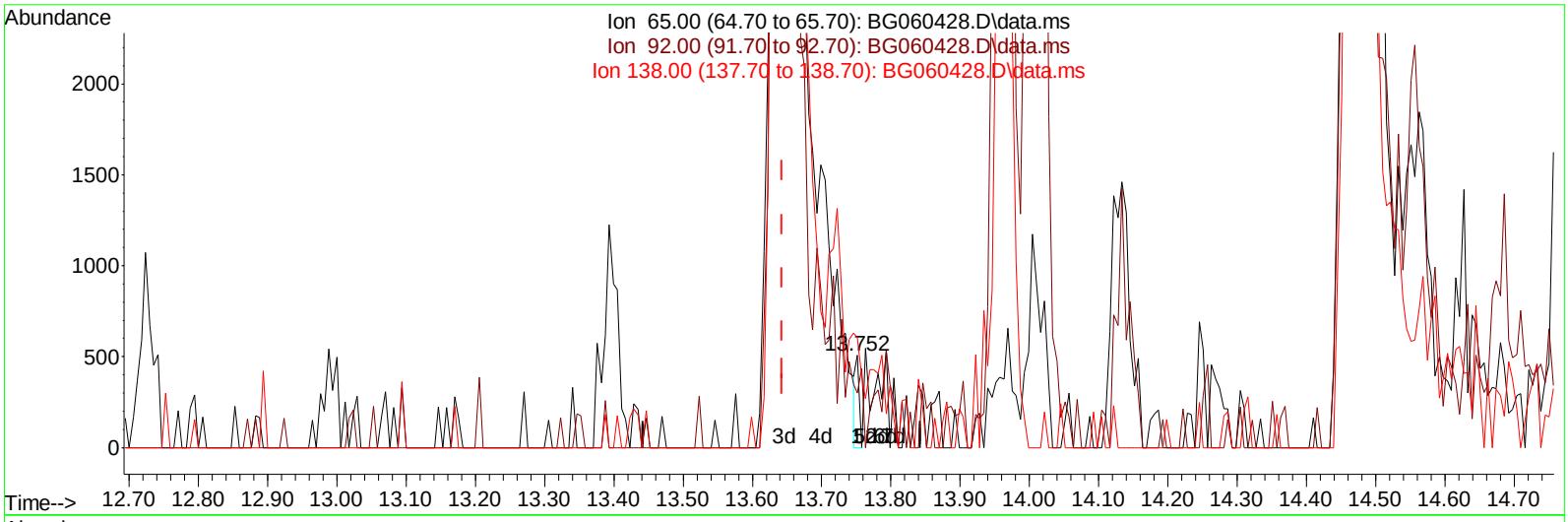
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012624\
Data File : BG060428.D
Acq On : 25 Jan 2024 18:15
Operator : MA/JU
Sample : SSTD00573
Misc :
ALS Vial : 2 Sample Multiplier: 1

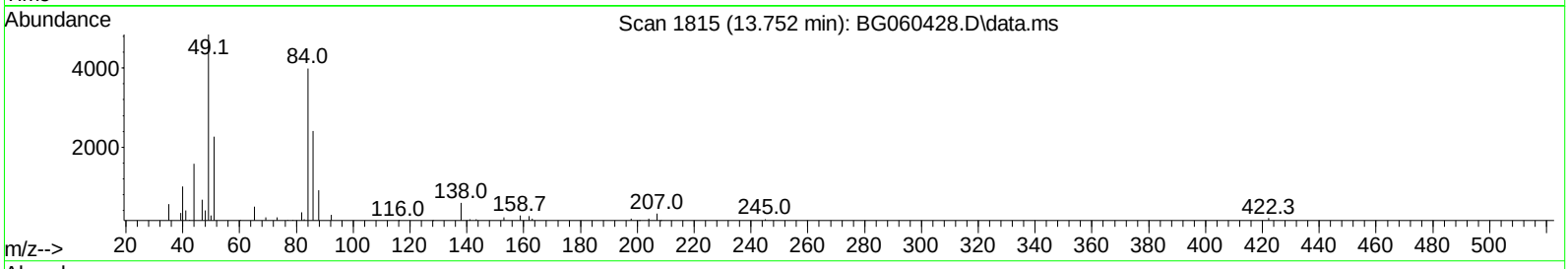
Quant Time: Jan 26 05:45:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 05:39:06 2024
Response via : Initial Calibration

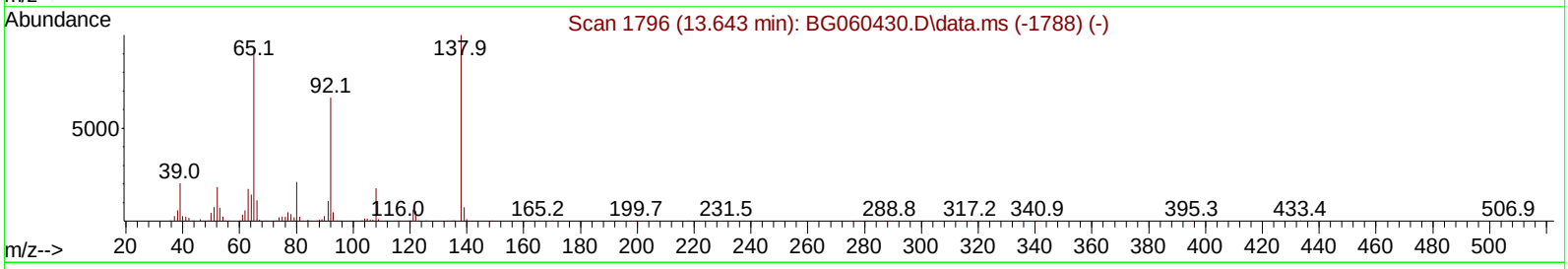
Instrument :
BNA_G
ClientSampleId :
SSTD005448

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/30/2024







TIC: BG060428.D\data.ms

(45) 2-Nitroaniline

13.752min (+ 0.109) 0.02 ng/ul

response 179

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	72.10	58.74
138.00	108.80	118.66
0.00	0.00	0.00

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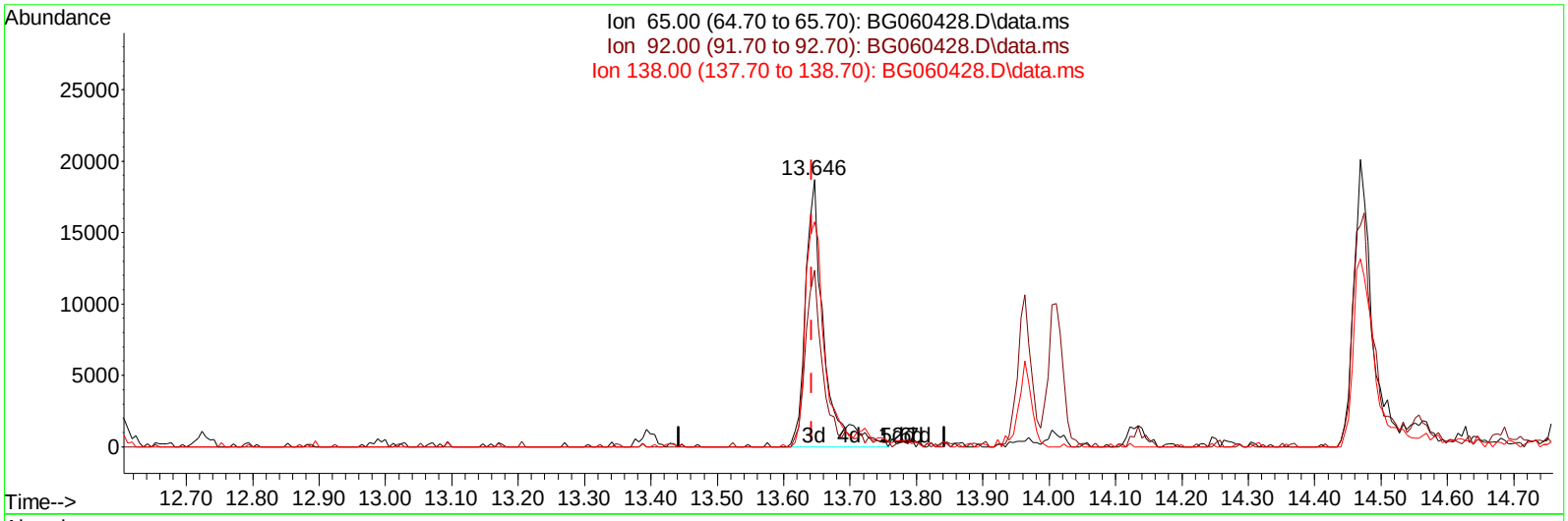

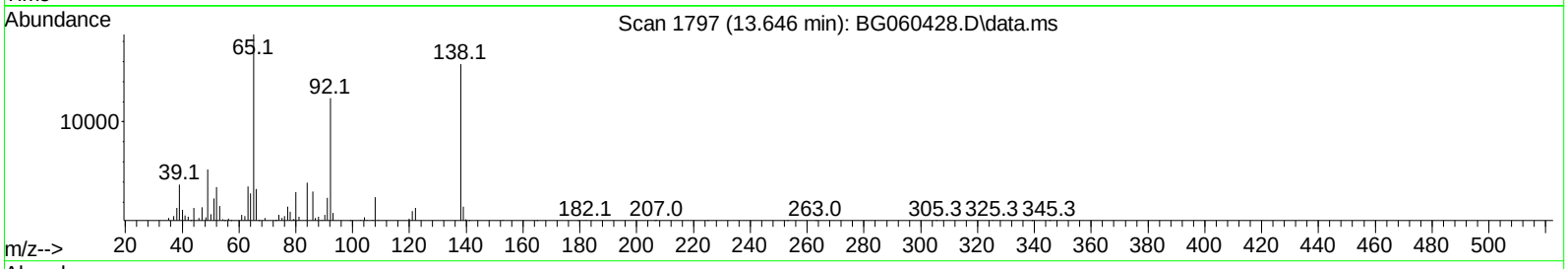

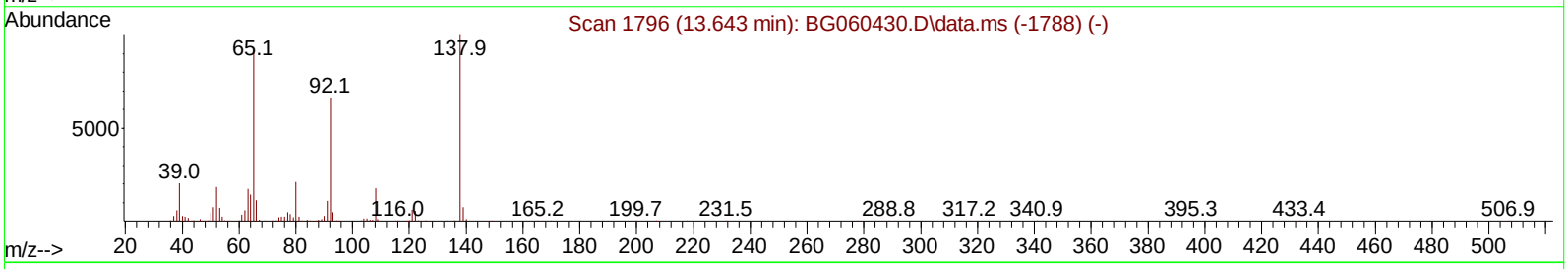

TIC: BG060428.D\data.ms

(45) 2-Nitroaniline

13.646min (+ 0.004) 4.44 ng/ul m

response 36116

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	72.10	66.22
138.00	108.80	84.31#
0.00	0.00	0.00

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Sample : SSTD00573
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 26 05:46:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 05:39:06 2024
Response via : Initial Calibration

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	160271	20.000	ng/ul	0.00
20) Naphthalene-d8	10.726	136	699494	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	516250	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.306	188	1322215	20.000	ng/ul	0.00
79) Chrysene-d12	21.572	240	1261006	20.000	ng/ul	0.00
88) Perylene-d12	24.733	264	1402033	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	6328	1.978	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	7.459	132	42575	4.189	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.093	128	22073	4.277	ng/ul	0.00
24) 2-Nitrophenol-d4	9.809	143	25063	4.157	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.350	165	54393	4.338	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.963	166	207703	4.917	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	228994	4.833	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.550	176	180221	4.869	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.406	188	304905	4.865	ng/ul	0.00
81) Pyrene-d10	19.698	212	373231	4.938	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.510	264	336666	4.578	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	7119	2.068	ng/uL#	78
12) 2-Chlorophenol	7.489	128	45202	4.311	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.722	70	46999	4.362	ng/ul	97
19) Hexachloroethane	9.004	117	21631	4.666	ng/ul	99
22) Nitrobenzene	9.128	77	62577	4.433	ng/ul	93
23) Isophorone	9.645	82	144766	4.731	ng/ul	99
25) 2-Nitrophenol	9.839	139	24618	4.017	ng/ul	99
26) 2,4-Dimethylphenol	9.898	107	57377	4.537	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.133	93	77041	4.422	ng/ul	98
29) 2,4-Dichlorophenol	10.373	162	50086	4.156	ng/ul	96
30) Naphthalene	10.779	128	181464	4.808	ng/ul	97
33) Hexachlorobutadiene	11.061	225	46977	4.694	ng/ul	93
35) 4-Chloro-3-methylphenol	12.013	107	49920	4.132	ng/ul	99
36) 2-Methylnaphthalene	12.383	142	121483	4.579	ng/ul	95
37) 1-Methylnaphthalene	12.606	142	127435	4.752	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.753	216	89031	4.738	ng/ul	95
41) 2,4,6-Trichlorophenol	13.000	196	49187	4.295	ng/ul	86
42) 2,4,5-Trichlorophenol	13.064	196	49770	4.112	ng/ul	88
43) 1,1'-Biphenyl	13.393	154	179181	4.685	ng/ul	99
44) 2-Chloronaphthalene	13.435	162	152558	4.725	ng/ul	96
45) 2-Nitroaniline	13.646	65	36116m	4.444	ng/ul	
47) Dimethylphthalate	14.010	163	207839	4.929	ng/ul	99
48) 2,6-Dinitrotoluene	14.134	165	34476	4.335	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50)	Acenaphthylene	14.281	152	256054	4.898	ng/ul	97
52)	Acenaphthene	14.627	153	164060	4.705	ng/ul	97
56)	Dibenzofuran	14.962	168	239191	4.859	ng/ul	96
57)	2,4-Dinitrotoluene	14.921	165	46710	4.008	ng/ul#	96
58)	2,3,4,6-Tetrachlorophenol	15.185	232	48302	4.294	ng/ul#	99
59)	Diethylphthalate	15.373	149	201783	4.977	ng/ul	98
61)	Fluorene	15.608	166	201143	4.980	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.597	204	107473	4.821	ng/ul	96
67)	N-Nitrosodiphenylamine	15.814	169	171198	4.774	ng/ul	92
68)	4-Bromophenyl-phenylether	16.496	248	71254	4.639	ng/ul	98
69)	Hexachlorobenzene	16.613	284	82969	4.656	ng/ul	98
72)	Phenanthrene	17.348	178	345945	4.976	ng/ul	99
74)	Anthracene	17.442	178	353176	4.986	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.358	216	86997	4.496	ng/uL	96
76)	Pentachlorobenzene	14.880	250	92592	4.597	ng/uL	96
78)	Di-n-butylphthalate	18.270	149	348227	5.049	ng/ul	99
80)	Fluoranthene	19.363	202	427934	5.074	ng/ul	99
82)	Pyrene	19.727	202	454685	5.180	ng/ul	98
83)	Butylbenzylphthalate	20.614	149	142884	4.567	ng/ul	99
85)	Benzo(a)anthracene	21.549	228	429627	4.941	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.455	149	228586	4.895	ng/ul	99
87)	Chrysene	21.613	228	407178	4.985	ng/ul	98
90)	Benzo(b)fluoranthene	23.717	252	408991	4.701	ng/ul	96
91)	Benzo(k)fluoranthene	23.787	252	424168	4.776	ng/ul	97
93)	Benzo(a)pyrene	24.580	252	391761	4.681	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	28.317	276	470183	4.583	ng/ul	99
95)	Dibenzo(a,h)anthracene	28.376	278	392706	4.691	ng/ul#	97
96)	Benzo(g,h,i)perylene	29.445	276	388149	4.672	ng/ul	98

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

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