Quantitation Report (Qedit)

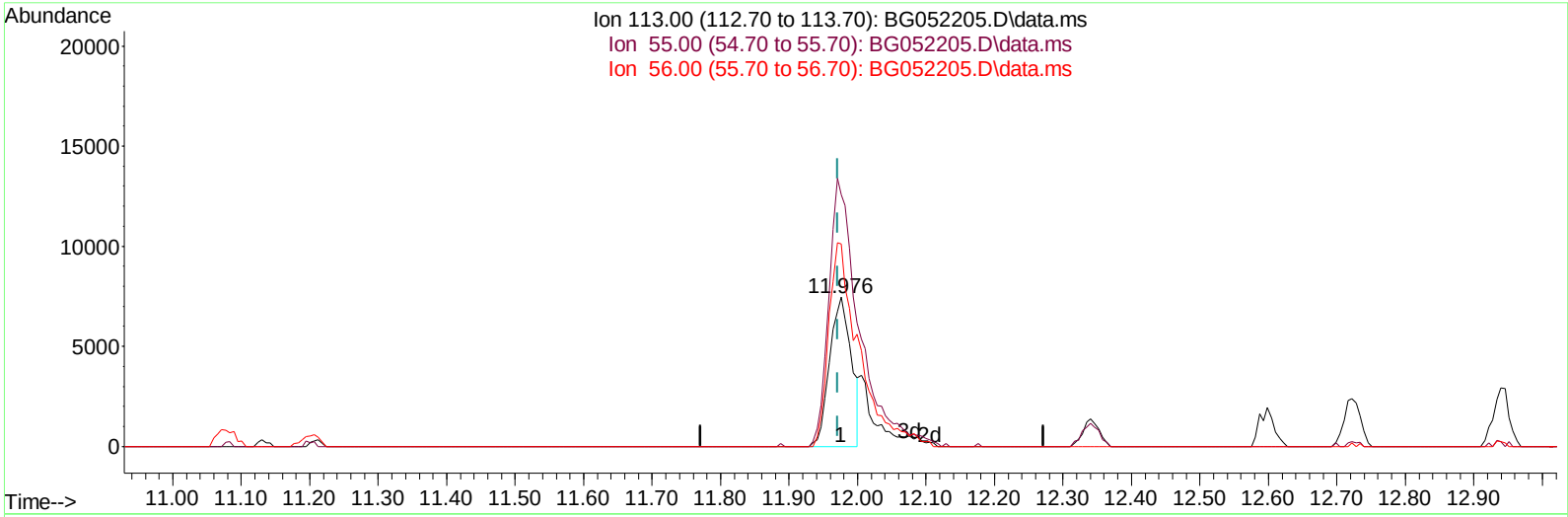
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
Data File : BG052205.D
Acq On : 28 Jan 2022 4:01
Operator : CG/JU
Sample : PB142333BS
Misc :
ALS Vial : 64 Sample Multiplier: 1

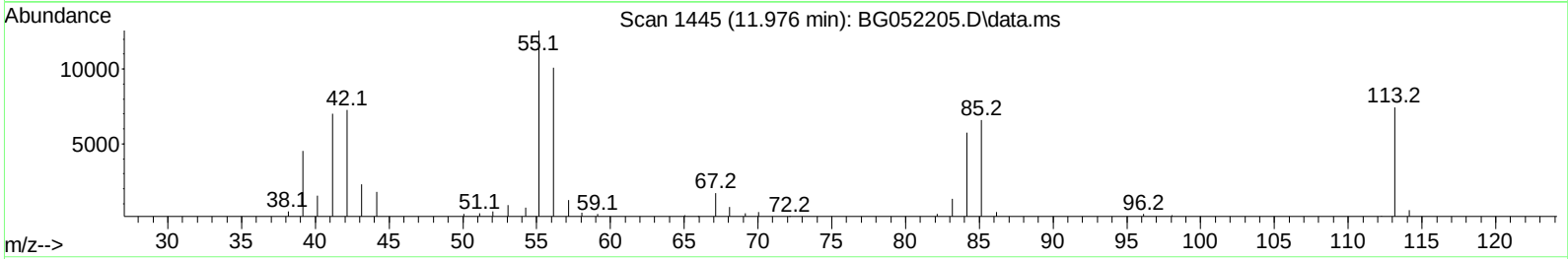
Quant Time: Jan 28 04:43:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 26 23:58:52 2022
Response via : Initial Calibration

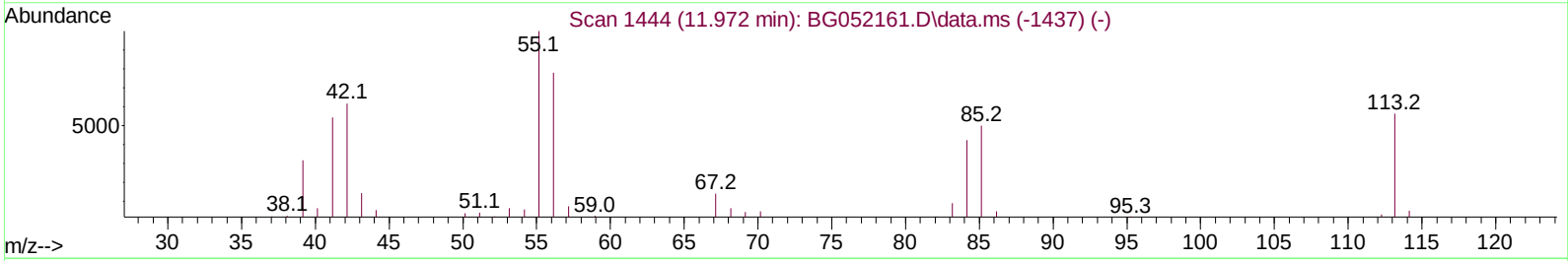
Instrument :
BNA_G
ClientSampleId :
SLCS333

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :Yogesh Patel 01/28/2022







TIC: BG052205.D\data.ms

(34) Caprolactam

11.976min (+ 0.005) 23.04 ng/ul

response 16466

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	168.58
56.00	136.50	135.57
0.00	0.00	0.00

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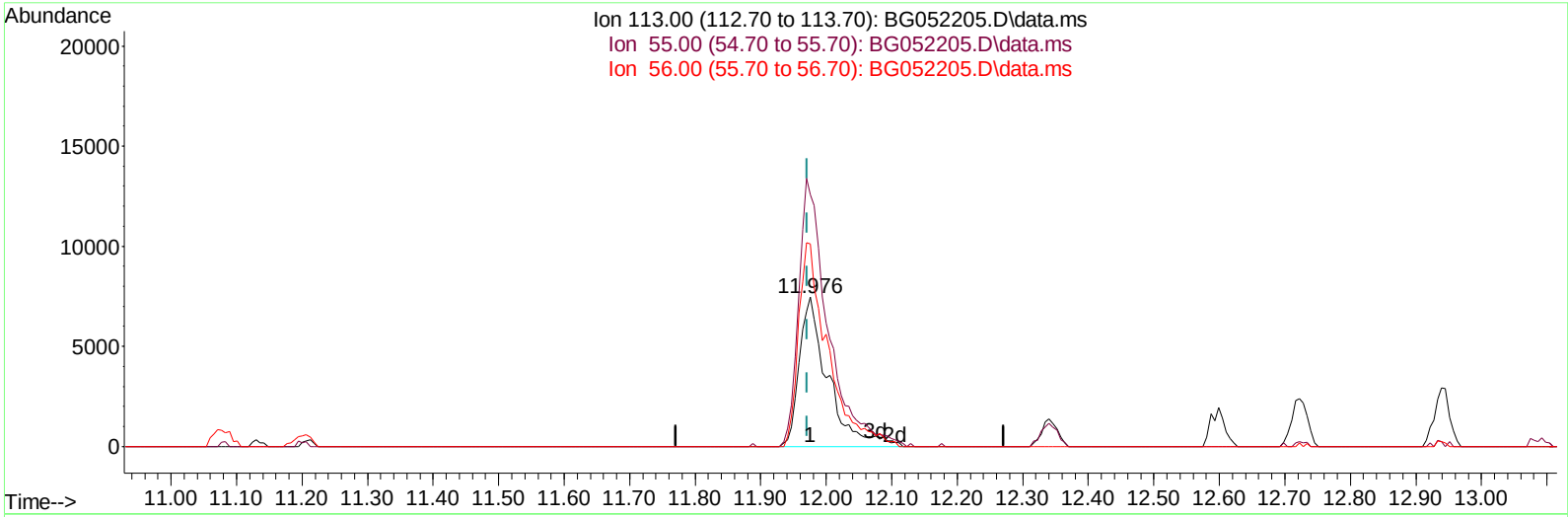

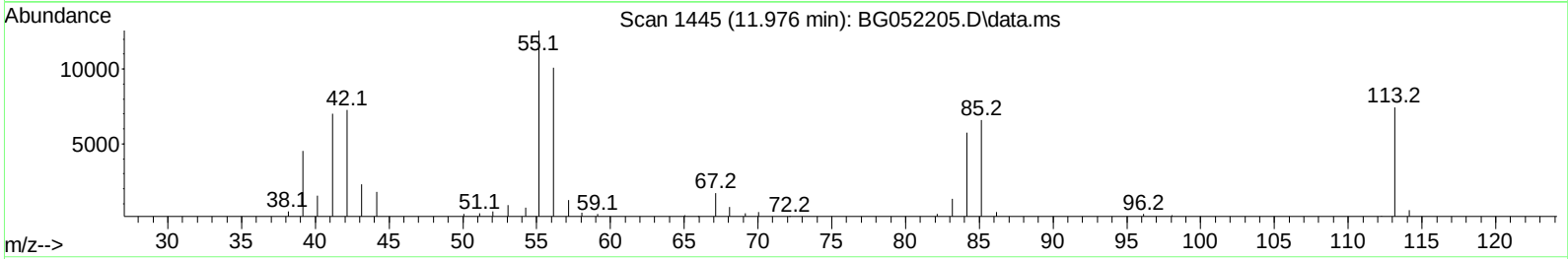

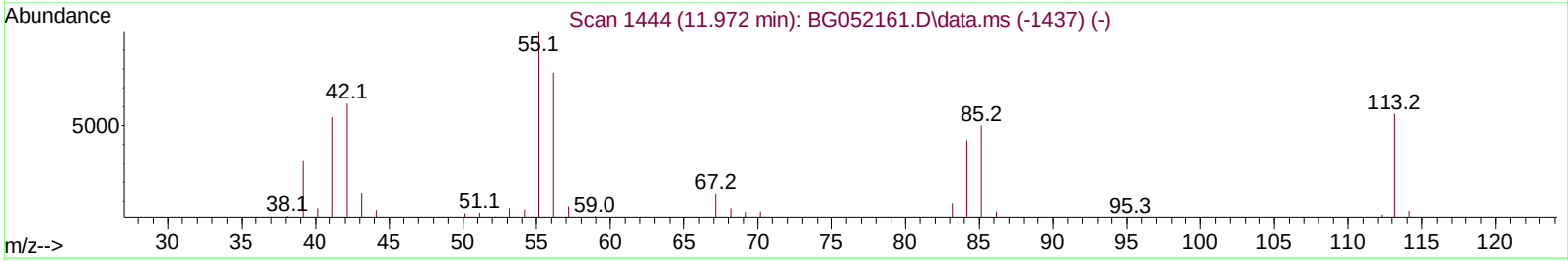

TIC: BG052205.D\data.ms

(34) Caprolactam

11.976min (+ 0.005) 31.54 ng/ul m

response 22542

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	168.58
56.00	136.50	135.57
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	8.240	152	26295	20.000	ng/ul	0.00
20) Naphthalene-d8	11.077	136	109464	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.884	164	78879	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.633	188	190291	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.951	240	198503	20.000	ng/ul	# 0.00
88) Perylene-d12	25.434	264	203271	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	4328	5.881	ng/uL	0.00
4) Pyridine-d5	3.987	84	66135	28.911	ng/ul	0.00
7) Phenol-d5	7.382	99	83461	32.430	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.541	67	49942	30.569	ng/ul	0.00
11) 2-Chlorophenol-d4	7.764	132	59338	34.824	ng/ul	0.00
15) 4-Methylphenol-d8	8.945	113	66445	33.212	ng/ul	0.00
21) Nitrobenzene-d5	9.409	128	30838	35.653	ng/ul	0.00
24) 2-Nitrophenol-d4	10.143	143	34834	36.414	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.695	165	67164	35.920	ng/ul	0.00
31) 4-Chloroaniline-d4	11.201	131	79087	30.371	ng/ul	0.00
46) Dimethylphthalate-d6	14.273	166	221621	33.991	ng/ul	0.00
49) Acenaphthylene-d8	14.578	160	272787	34.636	ng/ul	0.00
54) 4-Nitrophenol-d4	15.066	143	36111	33.127	ng/ul	0.00
60) Fluorene-d10	15.871	176	197768	34.790	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	39327	32.760	ng/ul	0.00
73) Anthracene-d10	17.733	188	323871	35.878	ng/ul	0.00
81) Pyrene-d10	20.006	212	411326	36.005	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.193	264	401054	37.478	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.605	88	9426	11.102	ng/uL	93
5) Pyridine	4.010	79	67387	28.118	ng/ul	98
6) Benzaldehyde	7.359	77	48548	28.358	ng/ul	96
8) Phenol	7.412	94	84353	32.112	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.641	93	59972	31.189	ng/ul	97
12) 2-Chlorophenol	7.799	128	59611	34.390	ng/ul	98
13) 2-Methylphenol	8.680	108	60999	31.934	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.769	45	86548	29.509	ng/ul	95
16) Acetophenone	9.062	105	98812	31.295	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.045	70	59333	30.759	ng/ul	98
18) 4-Methylphenol	9.009	108	66495	32.136	ng/ul	85
19) Hexachloroethane	9.344	117	24683	32.982	ng/ul#	68
22) Nitrobenzene	9.456	77	82774	30.853	ng/ul	98
23) Isophorone	9.979	82	158063	31.163	ng/ul	97
25) 2-Nitrophenol	10.173	139	36712	34.919	ng/ul	93
26) 2,4-Dimethylphenol	10.225	107	78396	34.366	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.460	93	85625	32.788	ng/ul	98
29) 2,4-Dichlorophenol	10.719	162	63504	34.581	ng/ul	95
30) Naphthalene	11.130	128	202322	34.109	ng/ul	96
32) 4-Chloroaniline	11.224	127	75582	28.481	ng/ul	99
33) Hexachlorobutadiene	11.418	225	49460	33.789	ng/ul	94
34) Caprolactam	11.976	113	22542m	31.540	ng/ul	
35) 4-Chloro-3-methylphenol	12.340	107	73685	34.753	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.722	142	144702	34.247	ng/ul	98
37) 1-Methylnaphthalene	12.939	142	147288	33.966	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.086	216	96060	35.216	ng/ul	97
40) Hexachlorocyclopentadiene	13.069	237	44353	23.697	ng/ul	97
41) 2,4,6-Trichlorophenol	13.321	196	60597	35.148	ng/ul	95
42) 2,4,5-Trichlorophenol	13.398	196	67044	36.074	ng/ul	95
43) 1,1'-Biphenyl	13.715	154	211410	34.717	ng/ul#	97
44) 2-Chloronaphthalene	13.762	162	159882	33.902	ng/ul	98
45) 2-Nitroaniline	13.956	65	58795	32.530	ng/ul	93
47) Dimethylphthalate	14.320	163	213997	33.287	ng/ul	100
48) 2,6-Dinitrotoluene	14.443	165	45830	33.810	ng/ul	93
50) Acenaphthylene	14.608	152	267397	34.479	ng/ul	97
51) 3-Nitroaniline	14.772	138	42586	34.731	ng/ul	91
52) Acenaphthene	14.948	153	176568	34.242	ng/ul	99
53) 2,4-Dinitrophenol	14.984	184	19915	24.919	ng/ul	90
55) 4-Nitrophenol	15.084	109	37379	29.882	ng/ul	88
56) Dibenzofuran	15.277	168	251739	33.614	ng/ul	100
57) 2,4-Dinitrotoluene	15.230	165	67389	34.386	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.507	232	58636	34.014	ng/ul#	87
59) Diethylphthalate	15.677	149	217878	32.849	ng/ul	98
61) Fluorene	15.929	166	211249	33.851	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.912	204	116869	33.747	ng/ul	91
63) 4-Nitroaniline	15.935	138	45139	35.831	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.000	198	36294	31.624	ng/ul	98
67) N-Nitrosodiphenylamine	16.123	169	185838	36.344	ng/ul	96
68) 4-Bromophenyl-phenylether	16.805	248	81880	36.755	ng/ul#	87
69) Hexachlorobenzene	16.940	284	90590	36.666	ng/ul#	90
70) Atrazine	17.063	200	79845	33.658	ng/ul	98
71) Pentachlorophenol	17.281	266	43275	31.364	ng/ul	95
72) Phenanthrene	17.674	178	358092	35.913	ng/ul	98
74) Anthracene	17.768	178	355278	35.595	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.691	216	98467	34.454	ng/uL	98
76) Pentachlorobenzene	15.201	250	105142	37.800	ng/uL	97
77) Carbazole	18.027	167	323574	35.978	ng/ul	99
78) Di-n-butylphthalate	18.573	149	377013	35.463	ng/ul	100
80) Fluoranthene	19.677	202	479988	36.357	ng/ul#	90
82) Pyrene	20.036	202	466126	35.861	ng/ul#	90
83) Butylbenzylphthalate	20.905	149	169783	37.533	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.827	252	160407	35.006	ng/ul#	95
85) Benzo(a)anthracene	21.927	228	474851	36.375	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.810	149	245385	37.092	ng/ul#	97
87) Chrysene	21.998	228	454647	36.168	ng/ul	99
89) Di-n-octyl phthalate	23.108	149	411143	36.615	ng/ul	100
90) Benzo(b)fluoranthene	24.318	252	509112	37.793	ng/ul#	95
91) Benzo(k)fluoranthene	24.395	252	469229	37.673	ng/ul#	96
93) Benzo(a)pyrene	25.270	252	472709	37.079	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.446	276	555990	38.098	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.511	278	471887	38.228	ng/ul#	93
96) Benzo(g,h,i)perylene	30.709	276	464520	37.856	ng/ul#	88

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

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