Quantitation Report (Qedit)

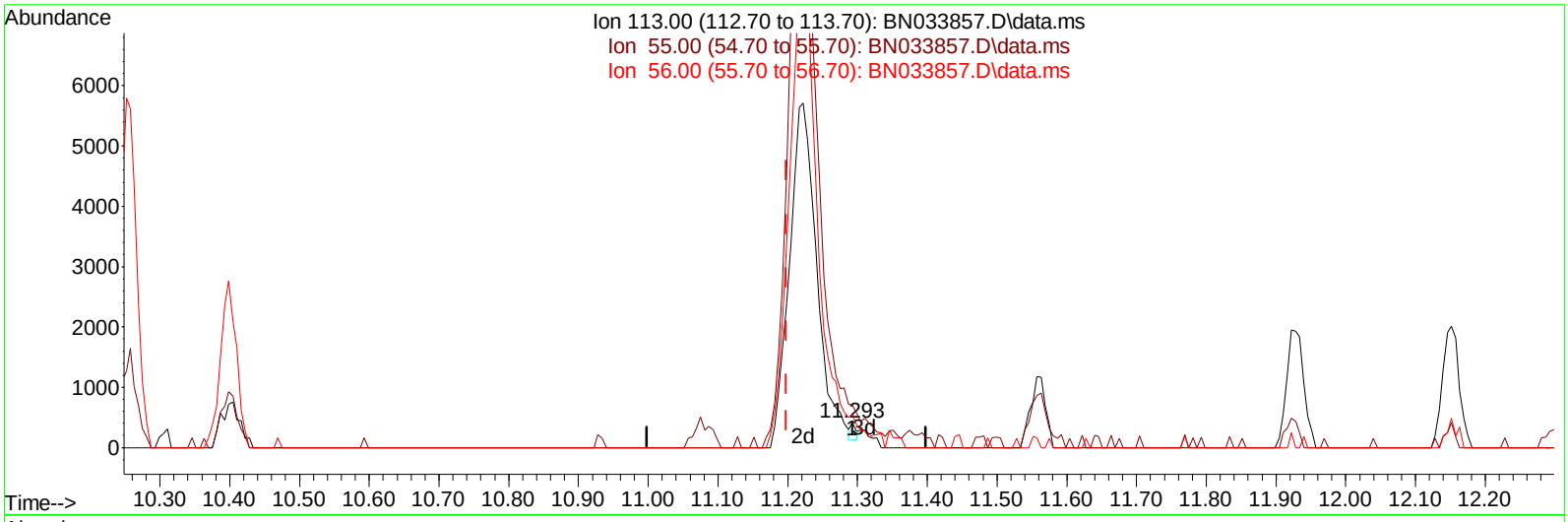
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
Data File : BN033857.D
Acq On : 11 Sep 2024 11:50
Operator : JU/RC
Sample : P3391-03
Misc : SFAM-MDL-Q3-WATER-01
ALS Vial : 6 Sample Multiplier: 1

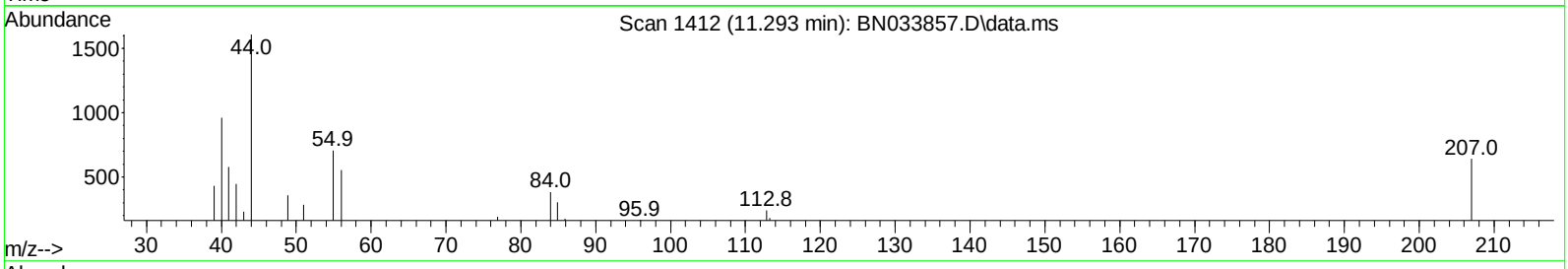
Quant Time: Sep 11 12:58:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 01:58:59 2024
Response via : Initial Calibration

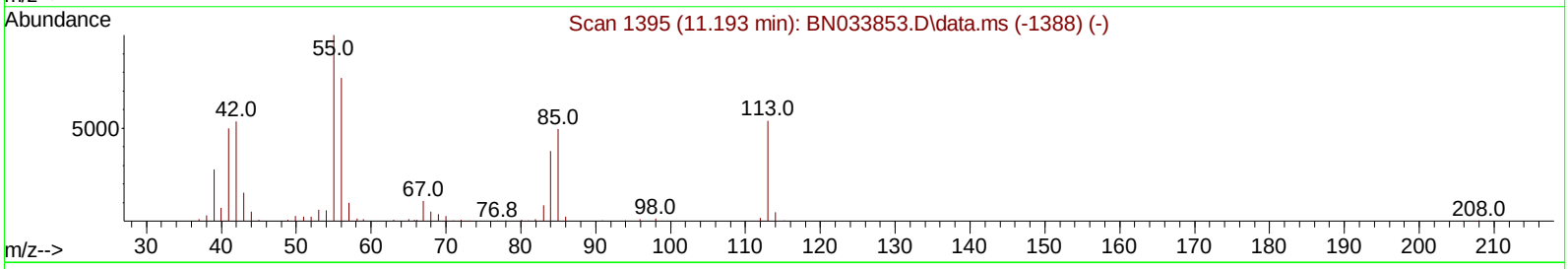
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2024-05

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024







TIC: BN033857.D\data.ms

(34) Caprolactam

11.293min (+ 0.094) 0.03 ng/ul

response 154

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	169.30
56.00	124.60	132.37
0.00	0.00	0.00

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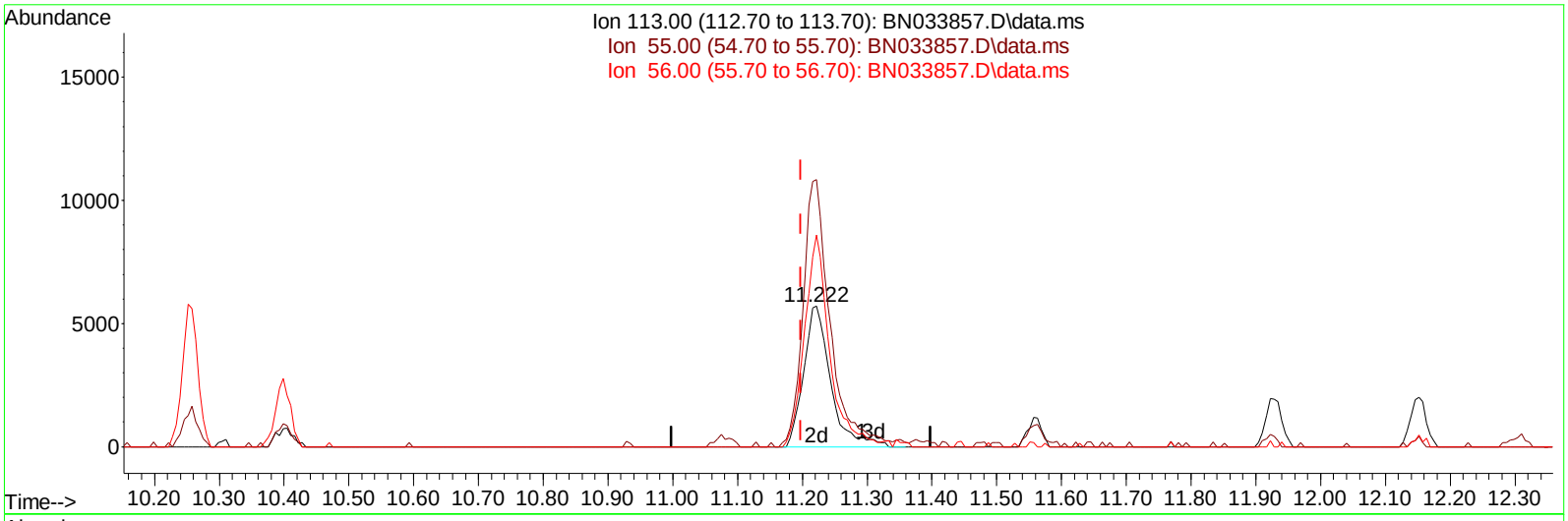

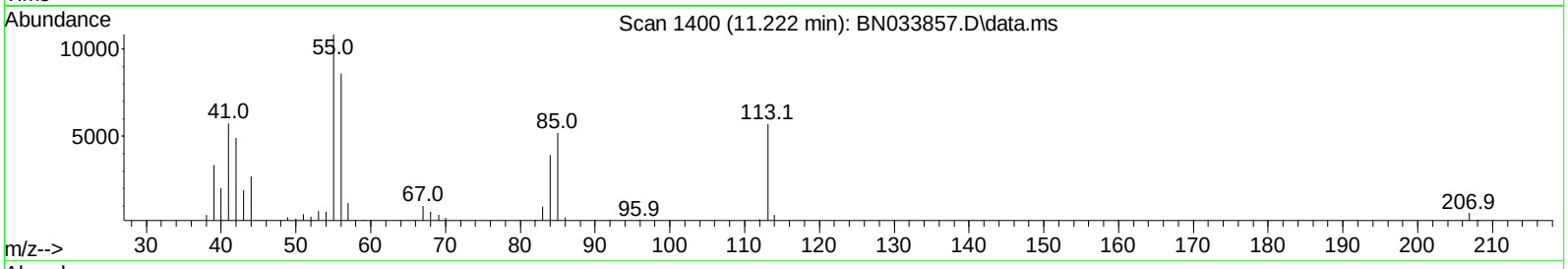

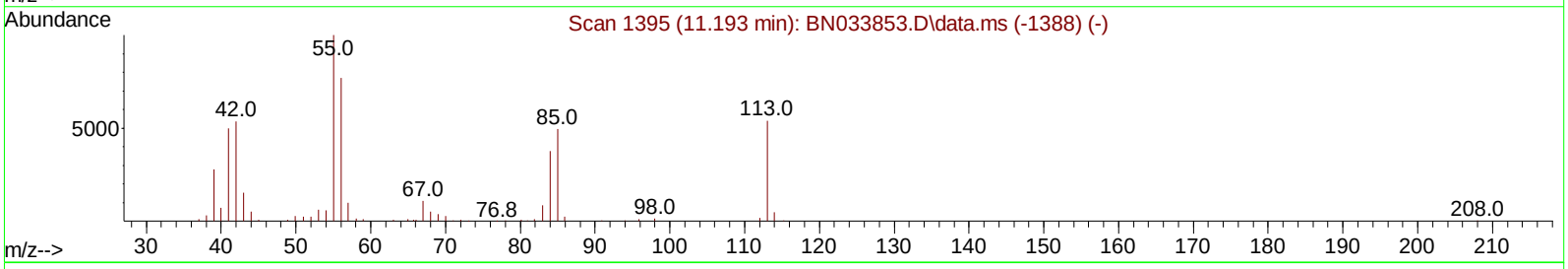

TIC: BN033857.D\data.ms

(34) Caprolactam

11.222min (+ 0.024) 3.48 ng/ul m

response 16430

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	189.77
56.00	124.60	150.75#
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	7.493	152	171825	20.000	ng/ul	0.00
20) Naphthalene-d8	10.257	136	758247	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.140	164	509000	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.892	188	1112382	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	1136522	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1271238	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	20804	4.941	ng/uL	0.00
4) Pyridine-d5	3.499	84	294773	23.552	ng/ul	0.00
7) Phenol-d5	6.687	99	356011	23.346	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.846	67	224641	23.743	ng/ul	0.00
11) 2-Chlorophenol-d4	7.034	132	275927	22.987	ng/ul	0.00
15) 4-Methylphenol-d8	8.205	113	265441	21.155	ng/ul	0.00
21) Nitrobenzene-d5	8.640	128	145694	24.107	ng/ul	0.00
24) 2-Nitrophenol-d4	9.352	143	147134	23.675	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.887	165	259741	22.192	ng/ul	0.00
31) 4-Chloroaniline-d4	10.399	131	382435	21.583	ng/ul	0.00
46) Dimethylphthalate-d6	13.563	166	868795	22.839	ng/ul	0.00
49) Acenaphthylene-d8	13.828	160	961629	22.471	ng/ul	0.00
54) 4-Nitrophenol-d4	14.357	143	169328	21.690	ng/ul	0.00
60) Fluorene-d10	15.140	176	745562	23.127	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.269	200	124143	18.718	ng/ul	0.00
73) Anthracene-d10	16.992	188	1006544	19.246	ng/ul	0.00
81) Pyrene-d10	19.298	212	1369064	21.620	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1509748	23.120	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	5059	1.139	ng/uL#	82
5) Pyridine	3.517	79	55379	4.324	ng/ul#	54
6) Benzaldehyde	6.652	77	43129	5.358	ng/ul	95
8) Phenol	6.711	94	65143	4.103	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.934	93	55080	4.464	ng/ul	94
12) 2-Chlorophenol	7.069	128	51680	4.201	ng/ul	98
13) 2-Methylphenol	7.946	108	42669	3.596	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.022	45	85175	4.680	ng/ul	98
16) Acetophenone	8.310	105	87742	4.414	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.299	70	43071	4.376	ng/ul	98
18) 4-Methylphenol	8.263	108	51036	3.864	ng/ul	98
19) Hexachloroethane	8.558	117	22885	4.411	ng/ul	95
22) Nitrobenzene	8.675	77	67194	4.442	ng/ul	99
23) Isophorone	9.205	82	119329	4.278	ng/ul	99
25) 2-Nitrophenol	9.381	139	28575	4.108	ng/ul	98
26) 2,4-Dimethylphenol	9.457	107	22564	1.577	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.693	93	77008	4.487	ng/ul	99
29) 2,4-Dichlorophenol	9.910	162	49415	4.170	ng/ul	96
30) Naphthalene	10.305	128	183712	4.429	ng/ul	99
32) 4-Chloroaniline	10.422	127	69056	3.955	ng/ul	99
33) Hexachlorobutadiene	10.599	225	32286	4.247	ng/ul	96
34) Caprolactam	11.222	113	16430m	3.482	ng/ul	
35) 4-Chloro-3-methylphenol	11.557	107	54427	3.901	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.928	142	123148	4.311	ng/ul	99
37) 1-Methylnaphthalene	12.151	142	125505	4.340	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.304	216	61878	4.211	ng/ul	99
40) Hexachlorocyclopentadiene	12.293	237	42661	4.718	ng/ul	97
41) 2,4,6-Trichlorophenol	12.557	196	35091	3.602	ng/ul	94
42) 2,4,5-Trichlorophenol	12.628	196	40225	3.759	ng/ul	96
43) 1,1'-Biphenyl	12.963	154	162354	4.231	ng/ul	99
44) 2-Chloronaphthalene	12.998	162	126971	4.247	ng/ul	98
45) 2-Nitroaniline	13.216	65	34334	3.554	ng/ul	96
47) Dimethylphthalate	13.610	163	167678	4.325	ng/ul	99
48) 2,6-Dinitrotoluene	13.722	165	27406	3.590	ng/ul	93
50) Acenaphthylene	13.857	152	207684	4.435	ng/ul	99
51) 3-Nitroaniline	14.051	138	29580	3.506	ng/ul#	93
52) Acenaphthene	14.204	153	142223	4.254	ng/ul	99
53) 2,4-Dinitrophenol	14.257	184	24098	5.367	ng/ul	93
55) 4-Nitrophenol	14.369	109	29610	4.466	ng/ul	84
56) Dibenzofuran	14.540	168	196021	4.288	ng/ul	96
57) 2,4-Dinitrotoluene	14.516	165	44357	3.854	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.775	232	34342	3.868	ng/ul	99
59) Diethylphthalate	14.992	149	168481	4.159	ng/ul	99
61) Fluorene	15.198	166	162873	4.355	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.198	204	78669	4.340	ng/ul	92
63) 4-Nitroaniline	15.216	138	30896	3.559	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.281	198	27732	3.765	ng/ul#	82
67) N-Nitrosodiphenylamine	15.416	169	133782	4.013	ng/ul	99
68) 4-Bromophenyl-phenylether	16.098	248	45923	4.066	ng/ul	97
69) Hexachlorobenzene	16.198	284	54246	4.138	ng/ul	97
70) Atrazine	16.381	200	47374	3.923	ng/ul	97
71) Pentachlorophenol	16.551	266	52538	6.017	ng/ul	98
72) Phenanthrene	16.934	178	259771	4.235	ng/ul	98
74) Anthracene	17.028	178	226957	3.624	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	58509	3.779	ng/uL	97
76) Pentachlorobenzene	14.463	250	65665	4.166	ng/uL	96
77) Carbazole	17.298	167	234389	4.066	ng/ul	99
78) Di-n-butylphthalate	17.886	149	287434	3.922	ng/ul	100
80) Fluoranthene	18.963	202	302987	4.093	ng/ul	99
82) Pyrene	19.328	202	324282	4.075	ng/ul	97
83) Butylbenzylphthalate	20.263	149	131381	3.681	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.051	252	87925	3.444	ng/ul	95
85) Benzo(a)anthracene	21.116	228	332009	4.097	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.075	149	197098	3.773	ng/ul	99
87) Chrysene	21.169	228	316212	4.090	ng/ul	97
89) Di-n-octyl phthalate	22.139	149	314890	3.723	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	335603	4.330	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	343066	4.487	ng/ul	99
93) Benzo(a)pyrene	23.780	252	321159	4.386	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.992	276	389009	4.288	ng/ul	98
95) Dibenzo(a,h)anthracene	27.051	278	324039	4.419	ng/ul	98
96) Benzo(g,h,i)perylene	27.951	276	316969	4.501	ng/ul	98

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

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