Quantitation Report (Qedit)

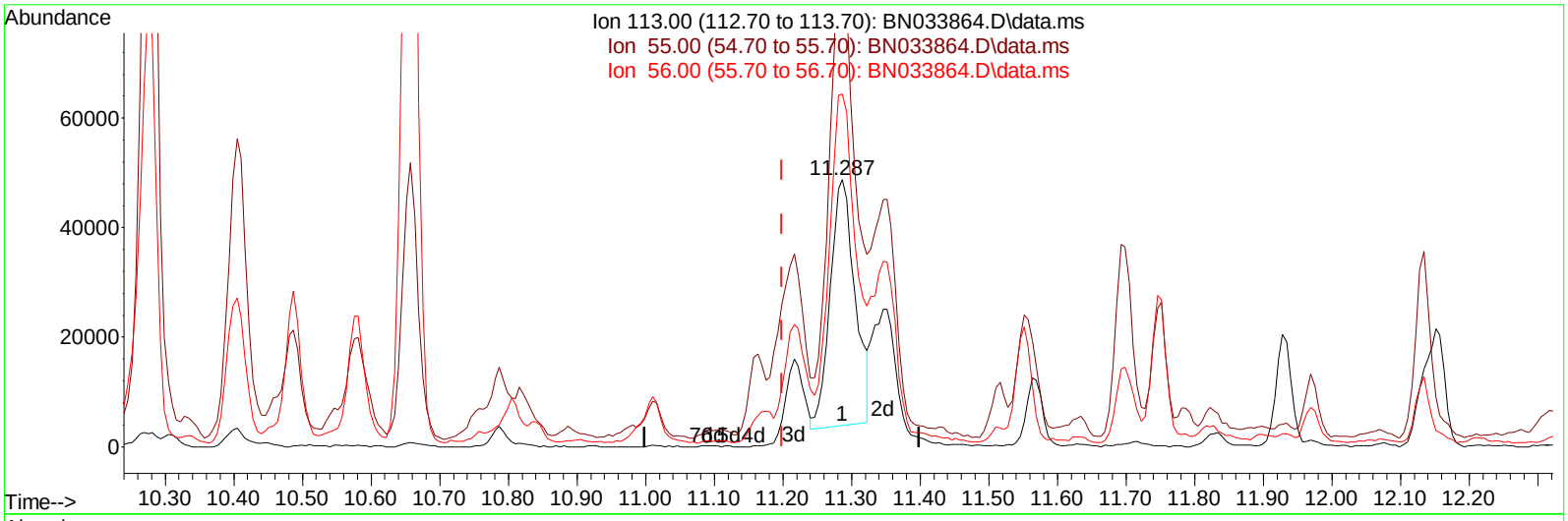
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
Data File : BN033864.D
Acq On : 11 Sep 2024 16:55
Operator : JU/RC
Sample : P3878-22MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

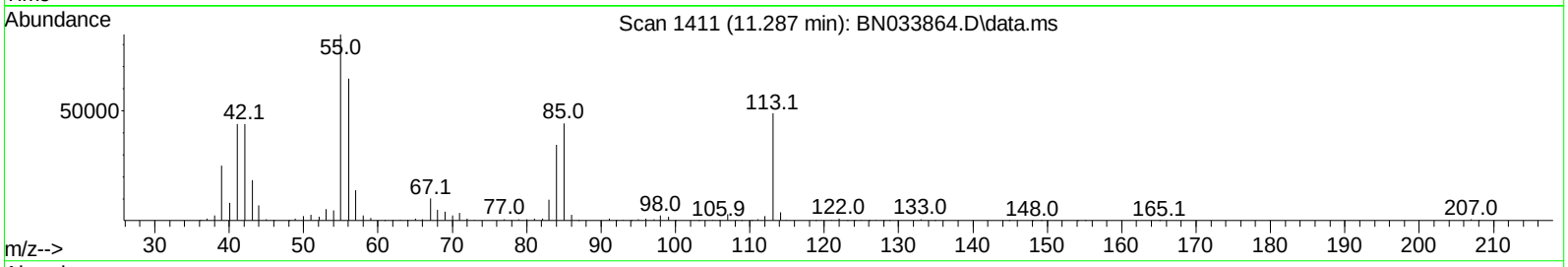
Quant Time: Sep 11 17:42:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 01:58:59 2024
Response via : Initial Calibration

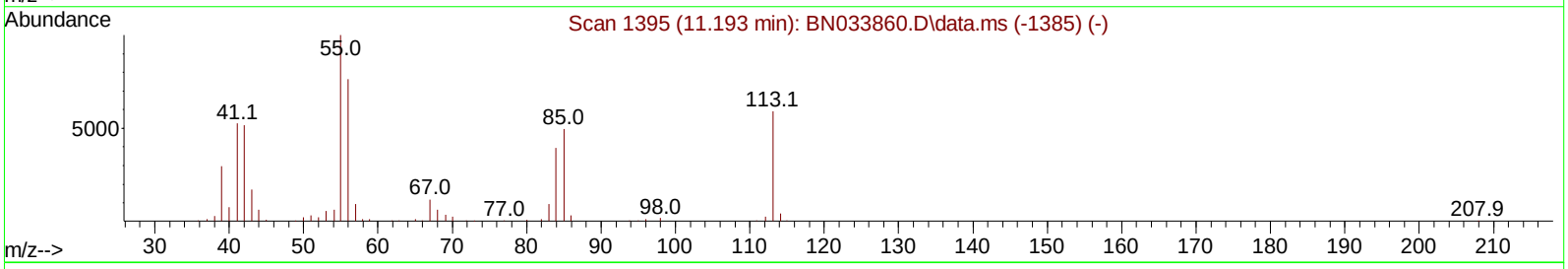
Instrument :
BNA_N
ClientSampleId :
DDCC3MSD

Manual IntegrationsAPPROVED

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







TIC: BN033864.D\data.ms

(34) Caprolactam

11.287min (+ 0.088) 18.43 ng/ul

response 112689

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	173.44
56.00	124.60	132.23
0.00	0.00	0.00

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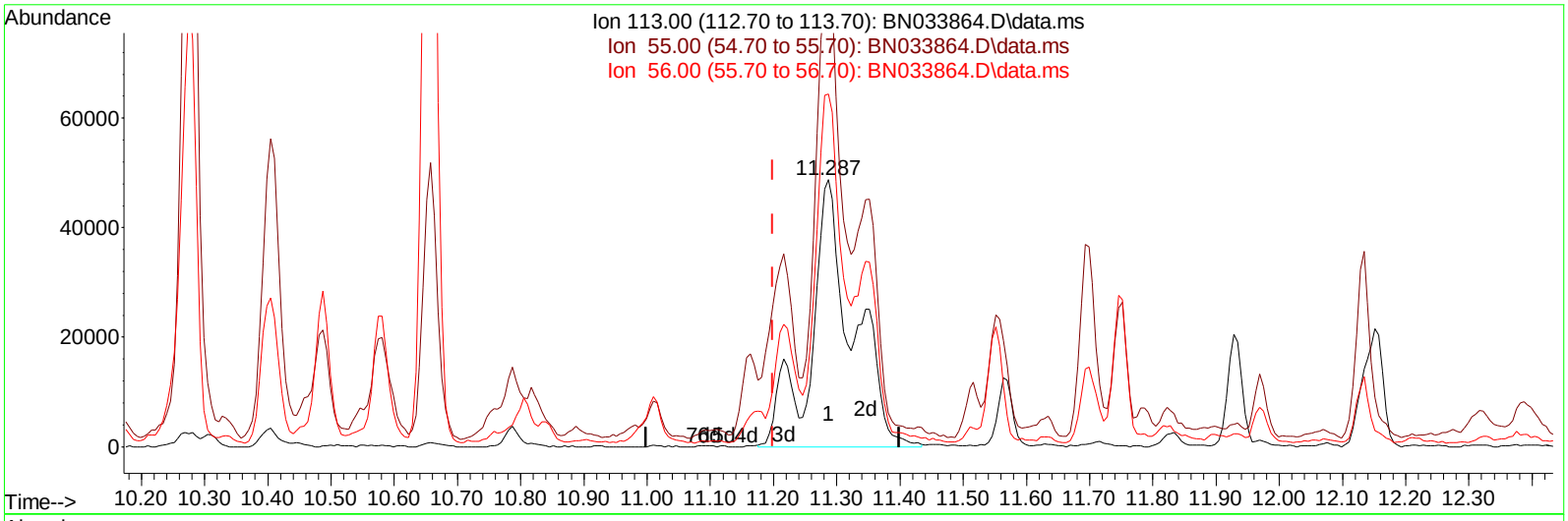

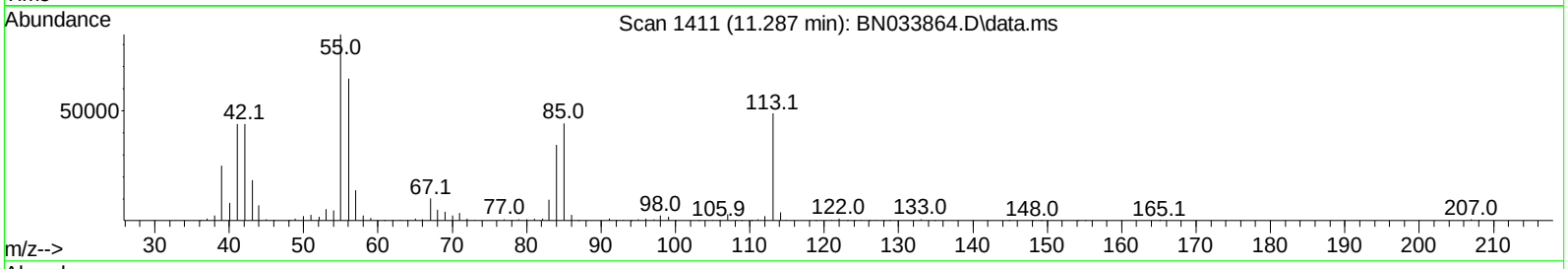

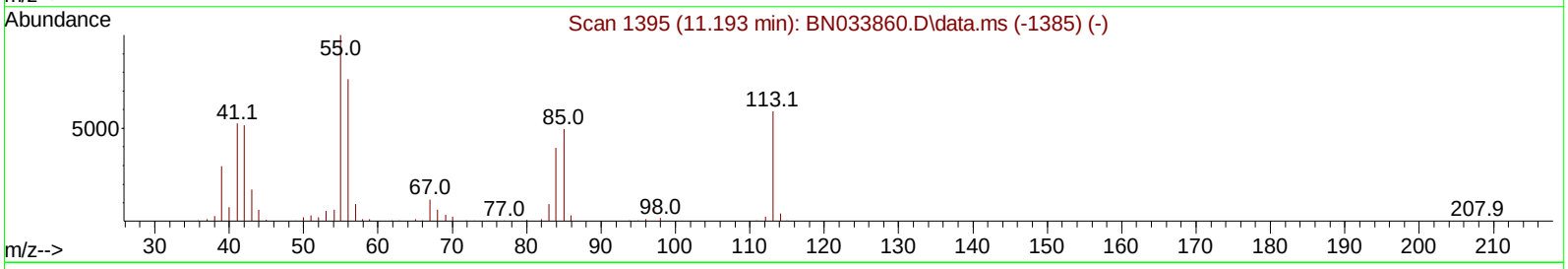

TIC: BN033864.D\data.ms

(34) Caprolactam

11.287min (+ 0.088) 36.90 ng/ul m

response 225707

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	173.44
56.00	124.60	132.23
0.00	0.00	0.00

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Operator : JU/RC
Sample : P3878-22MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 11 17:43:08 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 :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	219980	20.000	ng/ul	0.00
20) Naphthalene-d8	10.257	136	982849	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.140	164	662471	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.898	188	1439304	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	1438851	20.000	ng/ul	0.00
88) Perylene-d12	23.916	264	1772436	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	21314	3.954	ng/uL	0.00
4) Pyridine-d5	3.499	84	330339	20.616	ng/ul	0.00
7) Phenol-d5	6.693	99	492418	25.222	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.852	67	303932	25.091	ng/ul	0.00
11) 2-Chlorophenol-d4	7.040	132	399715	26.010	ng/ul	0.00
15) 4-Methylphenol-d8	8.211	113	420243	26.160	ng/ul	0.00
21) Nitrobenzene-d5	8.640	128	202794	25.887	ng/ul	0.00
24) 2-Nitrophenol-d4	9.352	143	219686	27.271	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.893	165	416209	27.434	ng/ul	0.00
31) 4-Chloroaniline-d4	10.405	131	563976	24.555	ng/ul	0.00
46) Dimethylphthalate-d6	13.569	166	1303910	26.337	ng/ul	0.00
49) Acenaphthylene-d8	13.828	160	1468920	26.374	ng/ul	0.00
54) 4-Nitrophenol-d4	14.375	143	249960	24.601	ng/ul	0.01
60) Fluorene-d10	15.145	176	1094702	26.090	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.275	200	265267	30.911	ng/ul	0.00
73) Anthracene-d10	16.992	188	1790253	26.456	ng/ul	0.00
81) Pyrene-d10	19.298	212	2057922	25.670	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	2484201	27.285	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	65245	11.474	ng/uL	99
5) Pyridine	3.517	79	475110	28.976	ng/ul	99
6) Benzaldehyde	6.658	77	379466	36.822	ng/ul	90
8) Phenol	6.716	94	675267	33.220	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.940	93	500275	31.667	ng/ul	100
12) 2-Chlorophenol	7.069	128	519712	33.000	ng/ul	98
13) 2-Methylphenol	7.946	108	499115	32.852	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.022	45	746543	32.042	ng/ul	98
16) Acetophenone	8.311	105	931915	36.621	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.311	70	421334	33.436	ng/ul	99
18) 4-Methylphenol	8.275	108	561073	33.183	ng/ul	99
19) Hexachloroethane	8.558	117	225060	33.882	ng/ul	98
22) Nitrobenzene	8.681	77	626800	31.967	ng/ul	98
23) Isophorone	9.210	82	1241908	34.346	ng/ul	98
25) 2-Nitrophenol	9.387	139	308885	34.261	ng/ul	97
26) 2,4-Dimethylphenol	9.463	107	606167	32.681	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.693	93	716310	32.197	ng/ul	97
29) 2,4-Dichlorophenol	9.916	162	515283	33.544	ng/ul	97
30) Naphthalene	10.310	128	1727071	32.125	ng/ul	100
32) 4-Chloroaniline	10.428	127	742206	32.792	ng/ul	99
33) Hexachlorobutadiene	10.599	225	307552	31.208	ng/ul	96
34) Caprolactam	11.287	113	225707m	36.905	ng/ul	
35) 4-Chloro-3-methylphenol	11.569	107	611702	33.825	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.928	142	1238527	33.445	ng/ul	99
37) 1-Methylnaphthalene	12.151	142	1233354	32.903	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.310	216	610205	31.906	ng/ul	99
40) Hexachlorocyclopentadiene	12.293	237	332023	28.216	ng/ul	99
41) 2,4,6-Trichlorophenol	12.557	196	445939	35.172	ng/ul	99
42) 2,4,5-Trichlorophenol	12.628	196	473825	34.023	ng/ul	99
43) 1,1'-Biphenyl	12.969	154	1561432	31.263	ng/ul	99
44) 2-Chloronaphthalene	13.004	162	1222927	31.431	ng/ul	97
45) 2-Nitroaniline	13.216	65	430479	34.239	ng/ul	98
47) Dimethylphthalate	13.616	163	1604856	31.805	ng/ul	98
48) 2,6-Dinitrotoluene	13.728	165	341300	34.351	ng/ul	98
50) Acenaphthylene	13.857	152	1966996	32.275	ng/ul	100
51) 3-Nitroaniline	14.057	138	363003	33.060	ng/ul	98
52) Acenaphthene	14.204	153	1377726	31.664	ng/ul	99
53) 2,4-Dinitrophenol	14.263	184	201573	34.492	ng/ul	94
55) 4-Nitrophenol	14.387	109	299476	34.706	ng/ul	96
56) Dibenzofuran	14.545	168	1907299	32.055	ng/ul	99
57) 2,4-Dinitrotoluene	14.522	165	511043	34.118	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.781	232	641552	55.514	ng/ul	96
59) Diethylphthalate	14.998	149	1711508	32.460	ng/ul	100
61) Fluorene	15.198	166	1582709	32.517	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.204	204	731763	31.017	ng/ul	99
63) 4-Nitroaniline	15.234	138	394410	34.907	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.287	198	446312	46.834	ng/ul#	89
67) N-Nitrosodiphenylamine	15.416	169	1379684	31.989	ng/ul	99
68) 4-Bromophenyl-phenylether	16.098	248	471015	32.227	ng/ul	98
69) Hexachlorobenzene	16.204	284	539995	31.832	ng/ul	98
70) Atrazine	16.392	200	503785	32.239	ng/ul	99
71) Pentachlorophenol	16.563	266	3883364	343.710	ng/ul	99
72) Phenanthrene	16.939	178	2572352	32.412	ng/ul	99
74) Anthracene	17.034	178	2602811	32.118	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.928	216	610513	30.478	ng/uL	98
76) Pentachlorobenzene	14.463	250	614828	30.144	ng/uL	99
77) Carbazole	17.304	167	2452569	32.882	ng/ul	99
78) Di-n-butylphthalate	17.886	149	3167832	33.411	ng/ul	100
80) Fluoranthene	18.963	202	2954575	31.525	ng/ul	99
82) Pyrene	19.333	202	3126557	31.032	ng/ul	97
83) Butylbenzylphthalate	20.263	149	1532916	33.927	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.051	252	986743	30.531	ng/ul	96
85) Benzo(a)anthracene	21.116	228	3349919	32.654	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.069	149	2209479	33.409	ng/ul	97
87) Chrysene	21.175	228	3075334	31.418	ng/ul	97
89) Di-n-octyl phthalate	22.133	149	4075134	34.553	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	3602435	33.336	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	3446582	32.330	ng/ul	99
93) Benzo(a)pyrene	23.792	252	3328713	32.607	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.015	276	4410863	34.872	ng/ul	98
95) Dibenzo(a,h)anthracene	27.068	278	3596238	35.174	ng/ul	98
96) Benzo(g,h,i)perylene	27.980	276	3461779	35.255	ng/ul	97

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

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