Quantitation Report (Qedit)

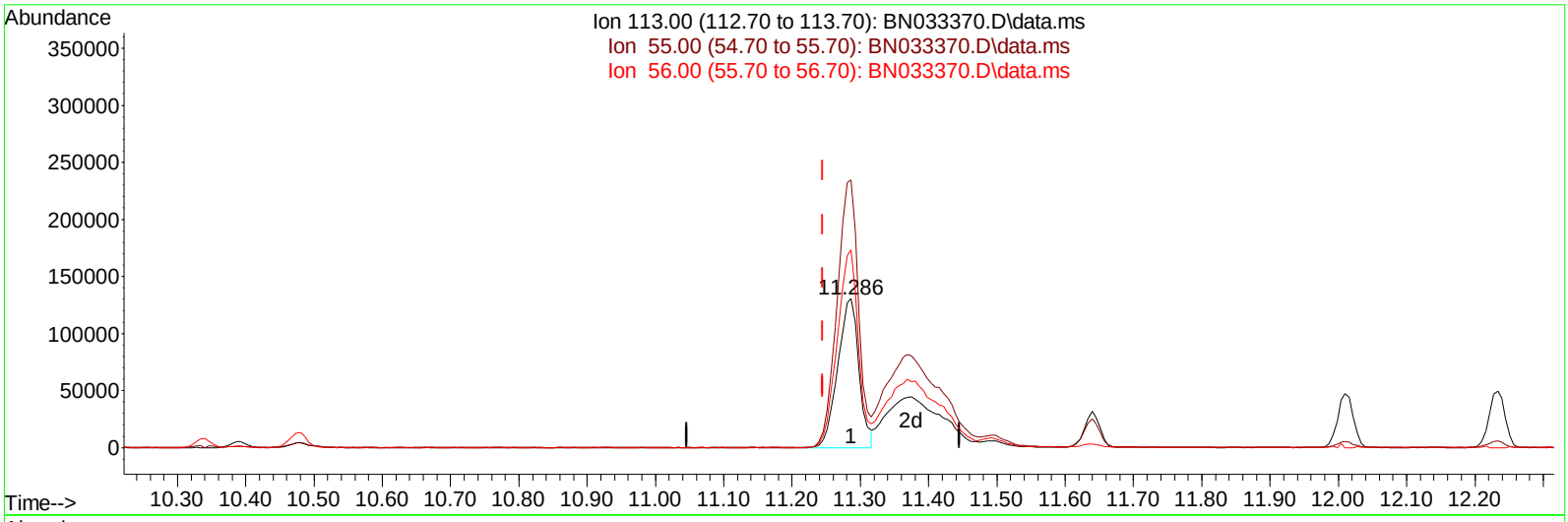
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081424\
Data File : BN033370.D
Acq On : 13 Aug 2024 19:29
Operator : MA/JU
Sample : SSTD08078
Misc :
ALS Vial : 6 Sample Multiplier: 1

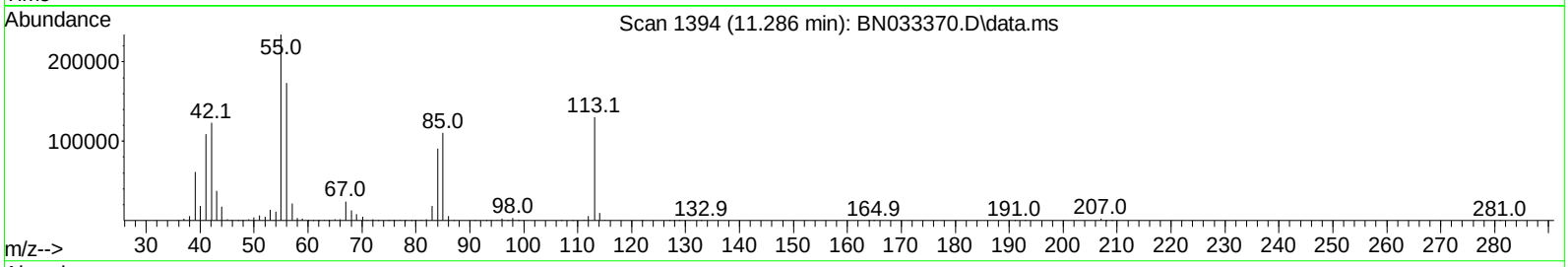
Quant Time: Aug 14 01:45:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 01:18:11 2024
Response via : Initial Calibration

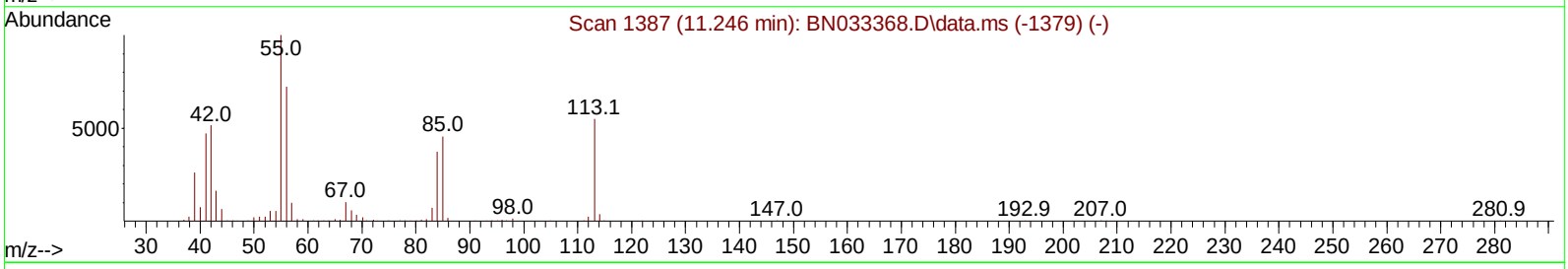
Instrument :
BNA_N
ClientSampleId :
SSTD080214

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/15/2024







TIC: BN033370.D\data.ms

(34) Caprolactam

11.286min (+ 0.041) 45.87 ng/ul

response 280427

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.70	179.52
56.00	131.40	132.90
0.00	0.00	0.00

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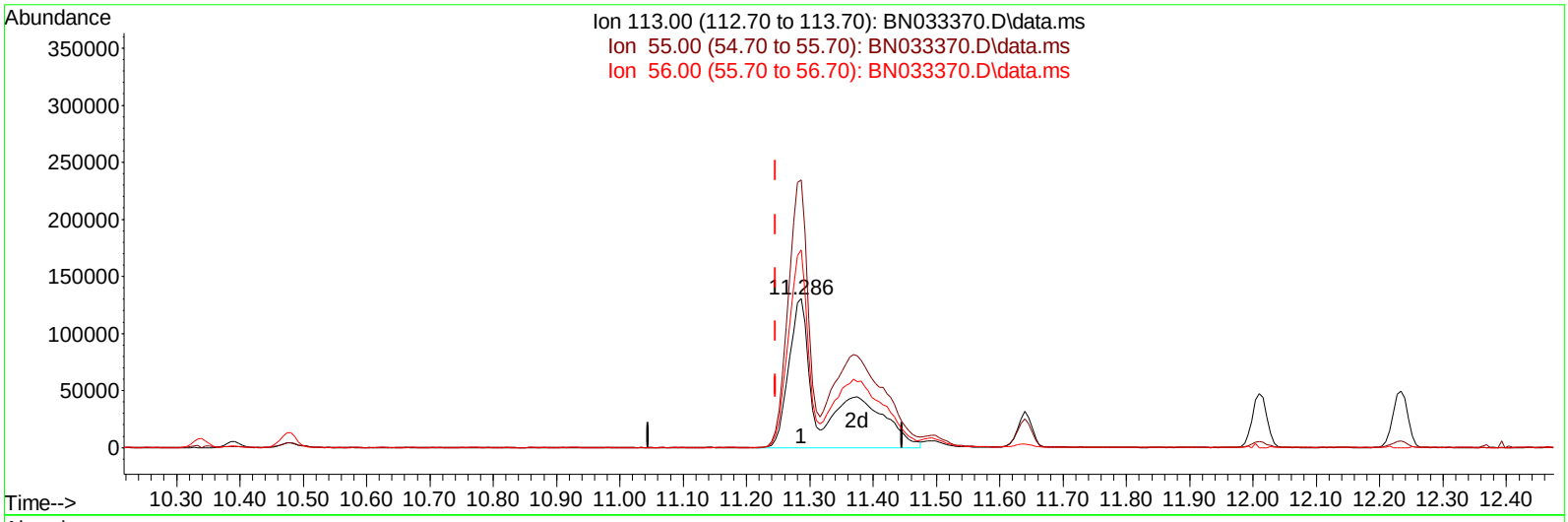

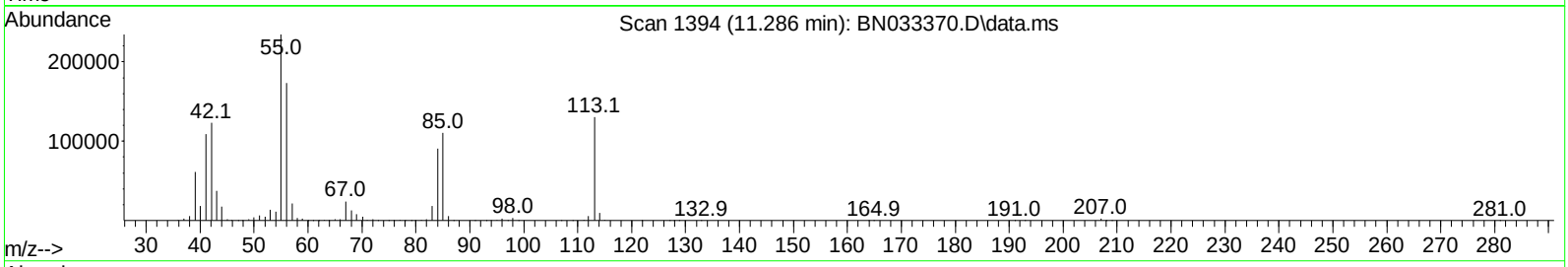

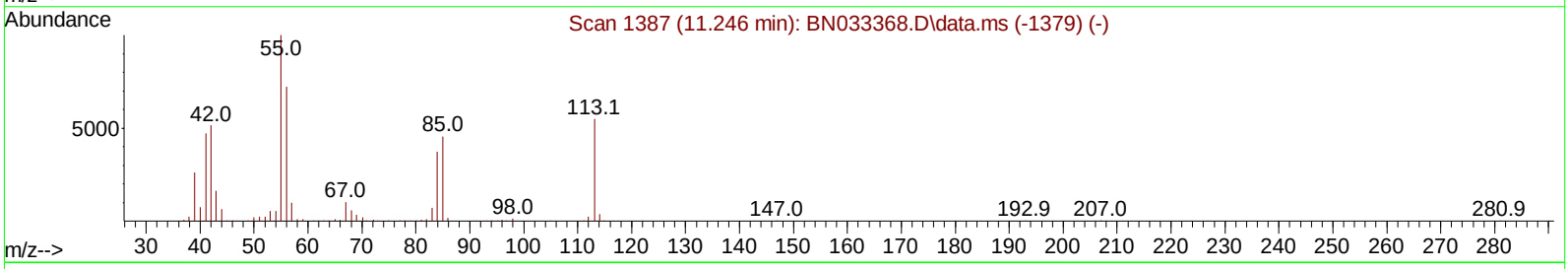

TIC: BN033370.D\data.ms

(34) Caprolactam

11.286min (+ 0.041) 87.15 ng/ul m

response 532740

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.70	179.52
56.00	131.40	132.90
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTD08078
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 01:59:43 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 01:18:11 2024
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Instrument :
BNA_N
ClientSampleId :
SSTD080214

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	228527	20.000	ng/ul	0.00
20) Naphthalene-d8	10.339	136	1075698	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.210	164	724907	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.963	188	1584259	20.000	ng/ul	0.00
79) Chrysene-d12	21.204	240	1563915	20.000	ng/ul	0.01
88) Perylene-d12	24.039	264	1772356	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	170317	30.833	ng/uL	0.00
4) Pyridine-d5	3.540	84	1367807	87.964	ng/ul	0.00
7) Phenol-d5	6.751	99	1725996	88.101	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.922	67	1063317	92.790	ng/ul	0.00
11) 2-Chlorophenol-d4	7.110	132	1355271	90.663	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	1422979	89.104	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	697150	84.762	ng/ul	0.00
24) 2-Nitrophenol-d4	9.434	143	704856	82.962	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	1384048	87.260	ng/ul	0.01
31) 4-Chloroaniline-d4	10.475	131	2127223	90.328	ng/ul	0.00
46) Dimethylphthalate-d6	13.639	166	4310792	85.360	ng/ul	0.00
49) Acenaphthylene-d8	13.904	160	4906553	84.495	ng/ul	0.00
54) 4-Nitrophenol-d4	14.427	143	895458	88.558	ng/ul	0.02
60) Fluorene-d10	15.216	176	3661561	85.690	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.339	200	692450	86.956	ng/ul	0.01
73) Anthracene-d10	17.063	188	5873184	86.592	ng/ul	0.00
81) Pyrene-d10	19.368	212	6816185	81.447	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.856	264	7877767	93.084	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	179292	30.336	ng/uL	95
5) Pyridine	3.557	79	1401141	90.119	ng/ul	97
6) Benzaldehyde	6.722	77	703615	76.571	ng/ul	98
8) Phenol	6.781	94	1797530	90.155	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.010	93	1394984	84.614	ng/ul	99
12) 2-Chlorophenol	7.140	128	1378311	88.110	ng/ul	99
13) 2-Methylphenol	8.016	108	1361635	88.421	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.098	45	2228038	117.399	ng/ul	98
16) Acetophenone	8.387	105	2233618	92.290	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.398	70	1152068	91.861	ng/ul	96
18) 4-Methylphenol	8.351	108	1516772	90.862	ng/ul	97
19) Hexachloroethane	8.639	117	557296	84.129	ng/ul	96
22) Nitrobenzene	8.757	77	1670693	85.258	ng/ul	99
23) Isophorone	9.292	82	3374185	83.940	ng/ul	99
25) 2-Nitrophenol	9.463	139	785398	84.612	ng/ul	96
26) 2,4-Dimethylphenol	9.534	107	1604983	88.882	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.775	93	2012271	80.322	ng/ul	98
29) 2,4-Dichlorophenol	9.992	162	1373886	87.725	ng/ul	100
30) Naphthalene	10.392	128	4626141	83.097	ng/ul	100
32) 4-Chloroaniline	10.504	127	2076322	90.812	ng/ul	100
33) Hexachlorobutadiene	10.686	225	810199	86.135	ng/ul	98
34) Caprolactam	11.286	113	532740m	87.148	ng/ul	
35) 4-Chloro-3-methylphenol	11.639	107	1572451	85.898	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.010	142	3268869	85.903	ng/ul	95
37) 1-Methylnaphthalene	12.233	142	3285936	86.061	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.386	216	1650448	86.089	ng/ul	92
40) Hexachlorocyclopentadiene	12.375	237	964029	87.247	ng/ul	96
41) 2,4,6-Trichlorophenol	12.633	196	1121461	86.184	ng/ul	96
42) 2,4,5-Trichlorophenol	12.704	196	1258245	88.982	ng/ul	100
43) 1,1'-Biphenyl	13.045	154	4174435	81.870	ng/ul	99
44) 2-Chloronaphthalene	13.080	162	3364001	84.235	ng/ul	98
45) 2-Nitroaniline	13.286	65	1092479	94.371	ng/ul	97
47) Dimethylphthalate	13.686	163	4322614	83.694	ng/ul	99
48) 2,6-Dinitrotoluene	13.798	165	920320	89.645	ng/ul	96
50) Acenaphthylene	13.933	152	5291775	80.635	ng/ul	100
51) 3-Nitroaniline	14.122	138	900907	82.076	ng/ul	97
52) Acenaphthene	14.280	153	3680155	84.753	ng/ul	99
53) 2,4-Dinitrophenol	14.327	184	462112	89.162	ng/ul	94
55) 4-Nitrophenol	14.445	109	677118	90.272	ng/ul	95
56) Dibenzofuran	14.616	168	5115281	86.707	ng/ul	98
57) 2,4-Dinitrotoluene	14.586	165	1369339	90.902	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.845	232	1026434	86.780	ng/ul	98
59) Diethylphthalate	15.074	149	4564725	85.651	ng/ul	99
61) Fluorene	15.269	166	4083993	85.966	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.274	204	1994449	86.676	ng/ul	95
63) 4-Nitroaniline	15.298	138	887783	84.961	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.357	198	775220	91.575	ng/ul#	93
67) N-Nitrosodiphenylamine	15.486	169	3694927	84.613	ng/ul	99
68) 4-Bromophenyl-phenylether	16.168	248	1282336	83.539	ng/ul	95
69) Hexachlorobenzene	16.274	284	1486016	85.415	ng/ul	91
70) Atrazine	16.457	200	1403882	101.820	ng/ul	99
71) Pentachlorophenol	16.616	266	1005903	90.371	ng/ul	97
72) Phenanthrene	17.010	178	6680079	82.772	ng/ul	98
74) Anthracene	17.098	178	6872342	84.039	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	12.998	216	1732014	84.938	ng/uL	92
76) Pentachlorobenzene	14.539	250	1724668	86.834	ng/uL	99
77) Carbazole	17.368	167	6398348	91.760	ng/ul	99
78) Di-n-butylphthalate	17.963	149	8177307	85.240	ng/ul	98
80) Fluoranthene	19.033	202	7879087	78.778	ng/ul	99
82) Pyrene	19.398	202	8322974	81.108	ng/ul	99
83) Butylbenzylphthalate	20.327	149	3865061	79.746	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.115	252	2743885	91.493	ng/ul	93
85) Benzo(a)anthracene	21.186	228	8642536	82.562	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.151	149	5919655	83.787	ng/ul	98
87) Chrysene	21.245	228	7998440	81.802	ng/ul	97
89) Di-n-octyl phthalate	22.245	149	10407026	87.708	ng/ul	100
90) Benzo(b)fluoranthene	23.156	252	9363139	88.383	ng/ul	97
91) Benzo(k)fluoranthene	23.215	252	8929393	85.898	ng/ul	98
93) Benzo(a)pyrene	23.915	252	8732837	88.015	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.221	276	10978603	96.021	ng/ul	98
95) Dibenzo(a,h)anthracene	27.286	278	9042677	96.873	ng/ul	97
96) Benzo(g,h,i)perylene	28.203	276	8445056	92.917	ng/ul	98

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

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