

mohammad
2/19/2021 12:52:48 PM

The chromatogram displays a series of peaks corresponding to different chemical compounds. The y-axis represents Abundance, ranging from 0 to 1,050,000. The x-axis represents Time in minutes, ranging from 4.00 to 28.00. The following table lists the compounds identified in the chromatogram, along with their approximate retention times and relative abundances.

Compound	Approx. Retention Time (min)	Approx. Relative Abundance
1,4-Dioxane-d6,S	4.5	100,000
Bis(2-chlorophenyl) ether	7.5	150,000
1,4-Dichlorobenzene-d4,I	8.5	180,000
2,2'-oxybis(1-chloro-2-methylphenol)	9.5	150,000
Nitrobenzene-d5,S	10.5	120,000
2-Nitrophenol	11.5	100,000
2,4-Dichlorophenol	12.5	150,000
2,4-Dichlorophenol-d4,S	13.5	180,000
2,4-Dichlorophenol-d4,I	14.5	150,000
2-Nitroaniline	15.5	120,000
2,4-Dichlorophenol-d4,S	16.5	150,000
2,4-Dichlorophenol-d4,I	17.5	180,000
2,4-Dichlorophenol-d4,S	18.5	150,000
2,4-Dichlorophenol-d4,I	19.5	180,000
2,4-Dichlorophenol-d4,S	20.5	150,000
2,4-Dichlorophenol-d4,I	21.5	180,000
2,4-Dichlorophenol-d4,S	22.5	150,000
2,4-Dichlorophenol-d4,I	23.5	180,000
2,4-Dichlorophenol-d4,S	24.5	150,000
2,4-Dichlorophenol-d4,I	25.5	180,000
2,4-Dichlorophenol-d4,S	26.5	150,000
2,4-Dichlorophenol-d4,I	27.5	180,000
2,4-Dichlorophenol-d4,S	28.5	150,000
2,4-Dichlorophenol-d4,I	29.5	180,000
2,4-Dichlorophenol-d4,S	30.5	150,000
2,4-Dichlorophenol-d4,I	31.5	180,000
2,4-Dichlorophenol-d4,S	32.5	150,000
2,4-Dichlorophenol-d4,I	33.5	180,000
2,4-Dichlorophenol-d4,S	34.5	150,000
2,4-Dichlorophenol-d4,I	35.5	180,000
2,4-Dichlorophenol-d4,S	36.5	150,000
2,4-Dichlorophenol-d4,I	37.5	180,000
2,4-Dichlorophenol-d4,S	38.5	150,000
2,4-Dichlorophenol-d4,I	39.5	180,000
2,4-Dichlorophenol-d4,S	40.5	150,000
2,4-Dichlorophenol-d4,I	41.5	180,000
2,4-Dichlorophenol-d4,S	42.5	150,000
2,4-Dichlorophenol-d4,I	43.5	180,000
2,4-Dichlorophenol-d4,S	44.5	150,000
2,4-Dichlorophenol-d4,I	45.5	180,000
2,4-Dichlorophenol-d4,S	46.5	150,000
2,4-Dichlorophenol-d4,I	47.5	180,000
2,4-Dichlorophenol-d4,S	48.5	150,000
2,4-Dichlorophenol-d4,I	49.5	180,000
2,4-Dichlorophenol-d4,S	50.5	150,000
2,4-Dichlorophenol-d4,I	51.5	180,000
2,4-Dichlorophenol-d4,S	52.5	150,000
2,4-Dichlorophenol-d4,I	53.5	180,000
2,4-Dichlorophenol-d4,S	54.5	150,000
2,4-Dichlorophenol-d4,I	55.5	180,000
2,4-Dichlorophenol-d4,S	56.5	150,000
2,4-Dichlorophenol-d4,I	57.5	180,000
2,4-Dichlorophenol-d4,S	58.5	150,000
2,4-Dichlorophenol-d4,I	59.5	180,000
2,4-Dichlorophenol-d4,S	60.5	150,000
2,4-Dichlorophenol-d4,I	61.5	180,000
2,4-Dichlorophenol-d4,S	62.5	150,000
2,4-Dichlorophenol-d4,I	63.5	180,000
2,4-Dichlorophenol-d4,S	64.5	150,000
2,4-Dichlorophenol-d4,I	65.5	180,000
2,4-Dichlorophenol-d4,S	66.5	150,000
2,4-Dichlorophenol-d4,I	67.5	180,000
2,4-Dichlorophenol-d4,S	68.5	150,000
2,4-Dichlorophenol-d4,I	69.5	180,000
2,4-Dichlorophenol-d4,S	70.5	150,000
2,4-Dichlorophenol-d4,I	71.5	180,000
2,4-Dichlorophenol-d4,S	72.5	150,000
2,4-Dichlorophenol-d4,I	73.5	180,000
2,4-Dichlorophenol-d4,S	74.5	150,000
2,4-Dichlorophenol-d4,I	75.5	180,000
2,4-Dichlorophenol-d4,S	76.5	150,000
2,4-Dichlorophenol-d4,I	77.5	180,000
2,4-Dichlorophenol-d4,S	78.5	150,000
2,4-Dichlorophenol-d4,I	79.5	180,000
2,4-Dichlorophenol-d4,S	80.5	150,000
2,4-Dichlorophenol-d4,I	81.5	180,000
2,4-Dichlorophenol-d4,S	82.5	150,000
2,4-Dichlorophenol-d4,I	83.5	180,000
2,4-Dichlorophenol-d4,S	84.5	150,000
2,4-Dichlorophenol-d4,I	85.5	180,000
2,4-Dichlorophenol-d4,S	86.5	150,000
2,4-Dichlorophenol-d4,I	87.5	180,000
2,4-Dichlorophenol-d4,S	88.5	150,000
2,4-Dichlorophenol-d4,I	89.5	180,000
2,4-Dichlorophenol-d4,S	90.5	150,000
2,4-Dichlorophenol-d4,I	91.5	180,000
2,4-Dichlorophenol-d4,S	92.5	150,000
2,4-Dichlorophenol-d4,I	93.5	180,000
2,4-Dichlorophenol-d4,S	94.5	150,000
2,4-Dichlorophenol-d4,I	95.5	180,000
2,4-Dichlorophenol-d4,S	96.5	150,000
2,4-Dichlorophenol-d4,I	97.5	180,000

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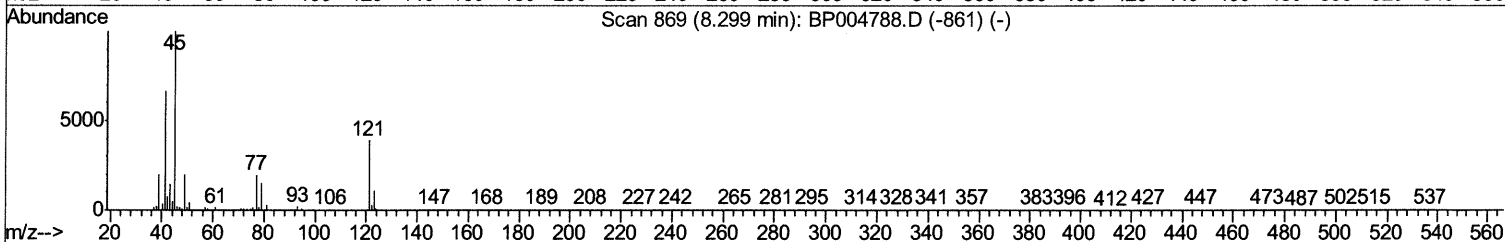
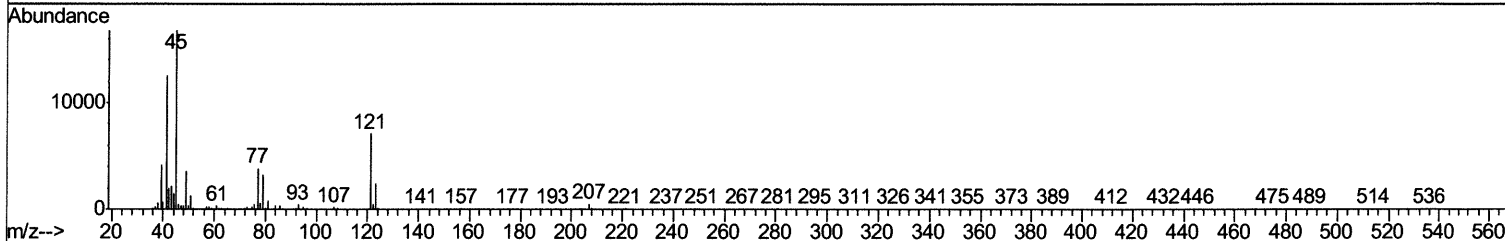
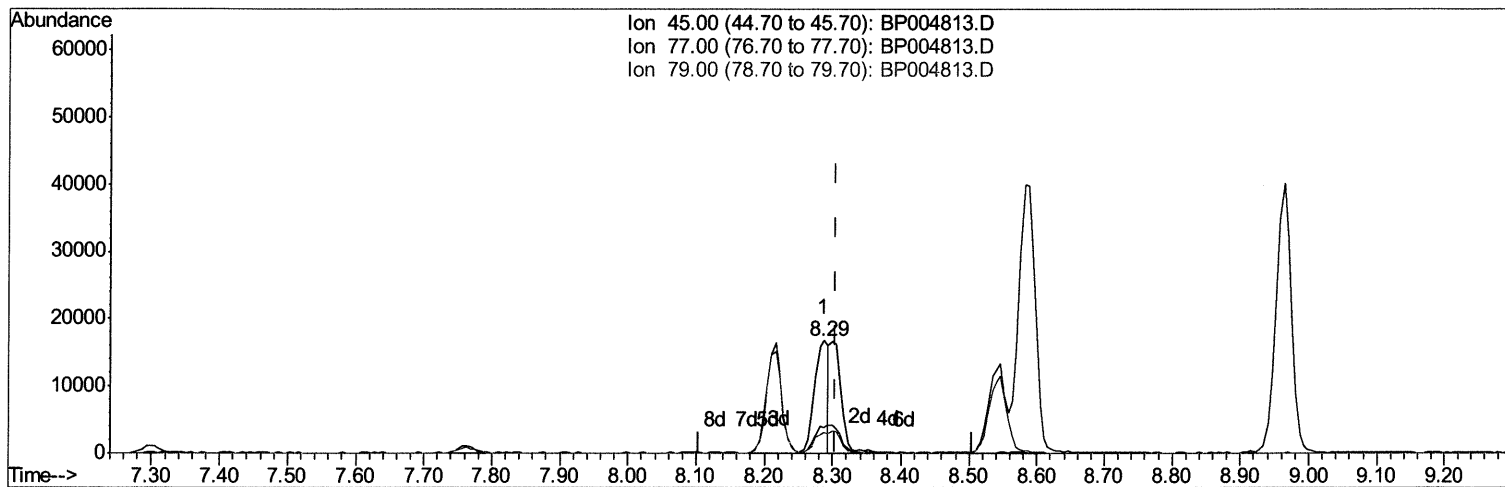
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 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTD02009

Manual Integrations
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Quant Time: Feb 18 18:14:03 2021
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 15 12:16:19 2021
 Response via : Initial Calibration



TIC: BP004813.D

(12) 2,2'-oxybis(1-Chloropropane)

8.287min (-0.018) 11.97ng/ul

response 24381

Ion	Exp%	Act%
45.00	100	100
77.00	27.50	22.96
79.00	19.20	18.93
0.00	0.00	0.00

Quantitation Report (Qedit)

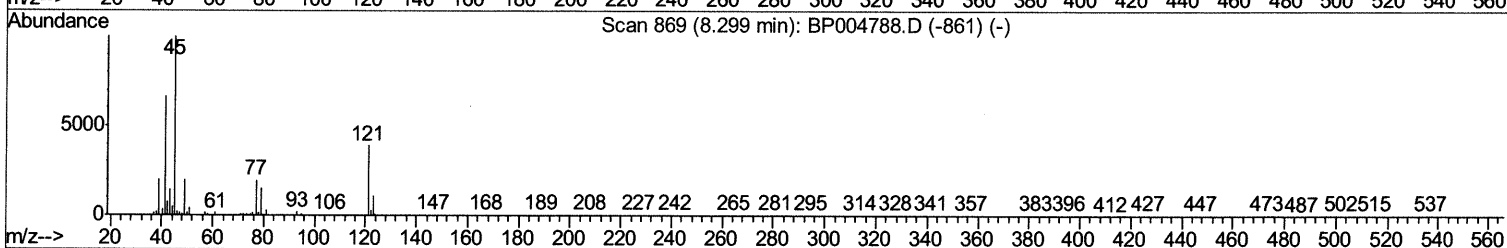
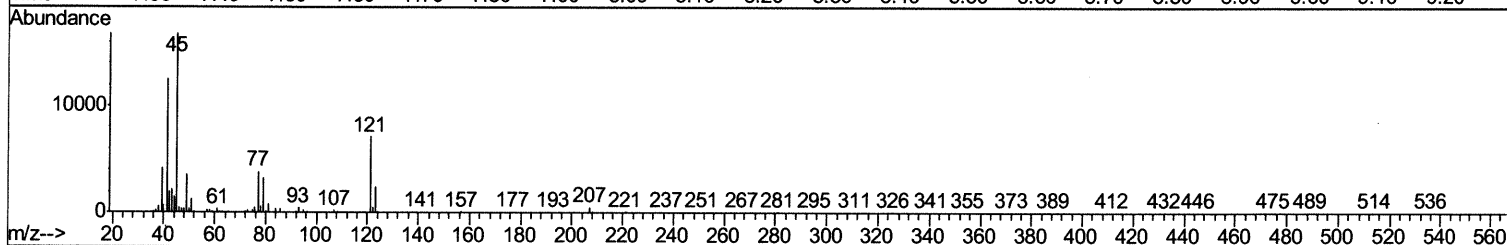
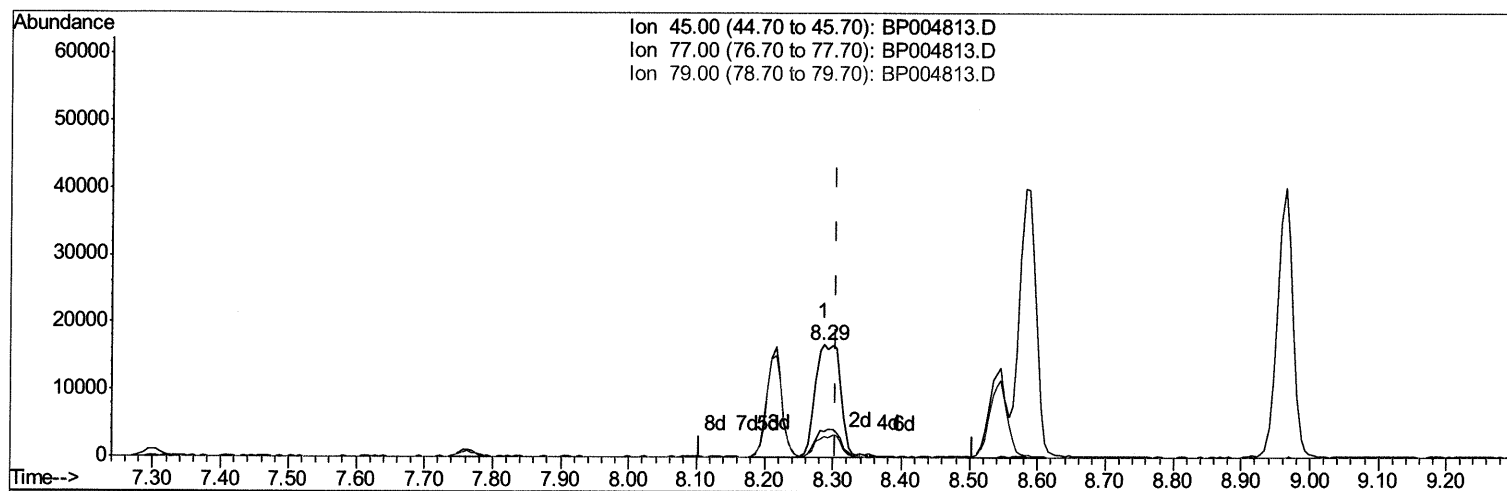
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TIC: BP004813.D

(12) 2,2'-oxybis(1-Chloropropane)

8.287min (-0.018) 20.95ng/ul m 02/22/21 JU

response 42667

Ion	Exp%	Act%
45.00	100	100
77.00	27.50	22.96
79.00	19.20	18.93
0.00	0.00	0.00

Quantitation Report (Qedit)

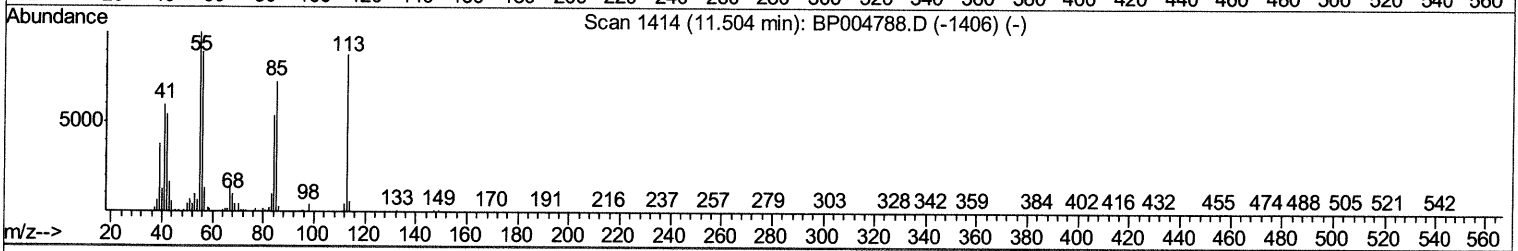
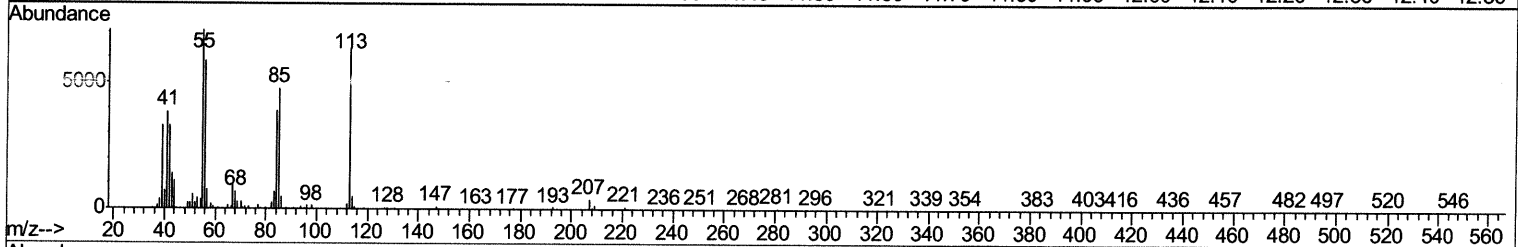
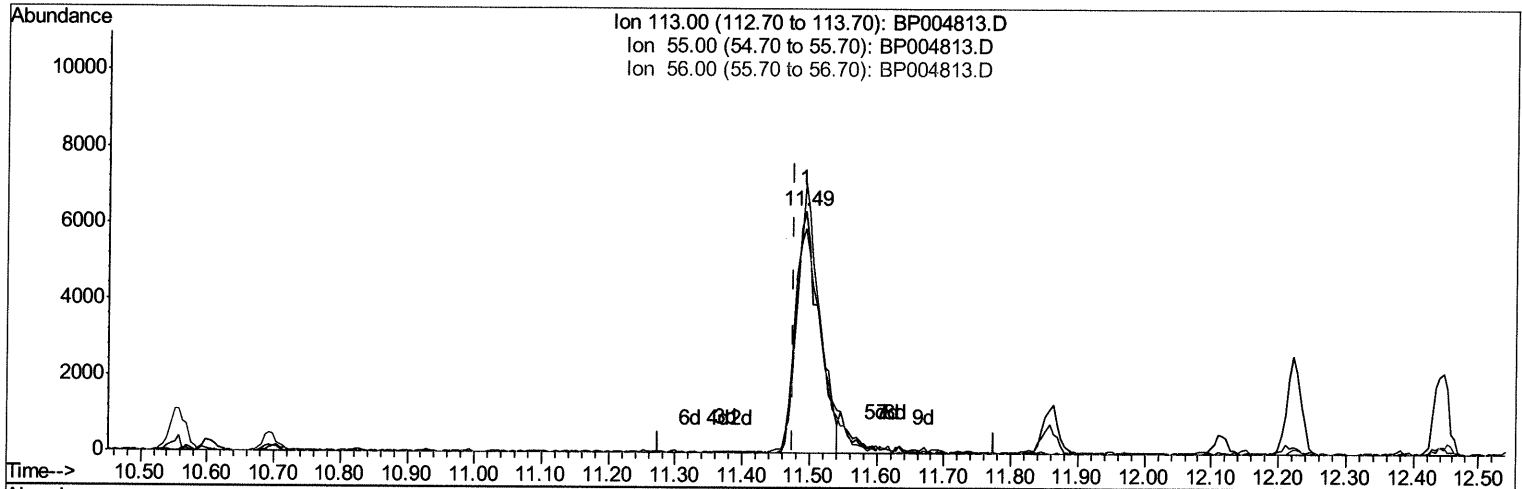
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TIC: BP004813.D

(32) Caprolactam

11.493min (+0.018) 18.51ng/ul

response 14844

Ion	Exp%	Act%
113.00	100	100
55.00	113.50	111.51
56.00	96.60	92.71
0.00	0.00	0.00

Quantitation Report (Qedit)

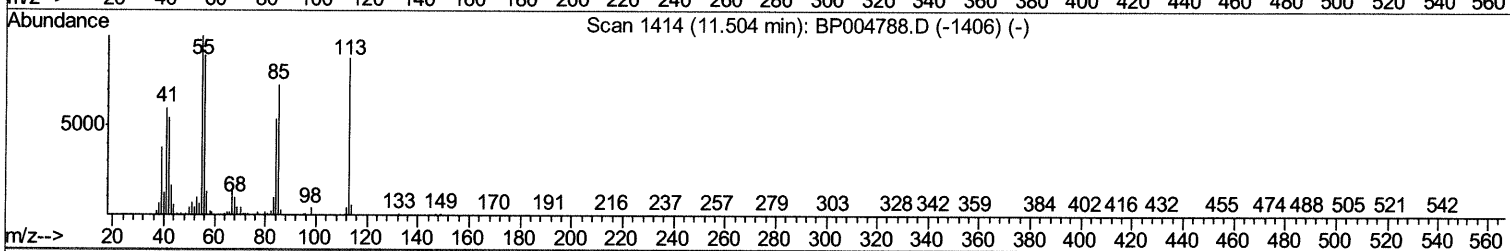
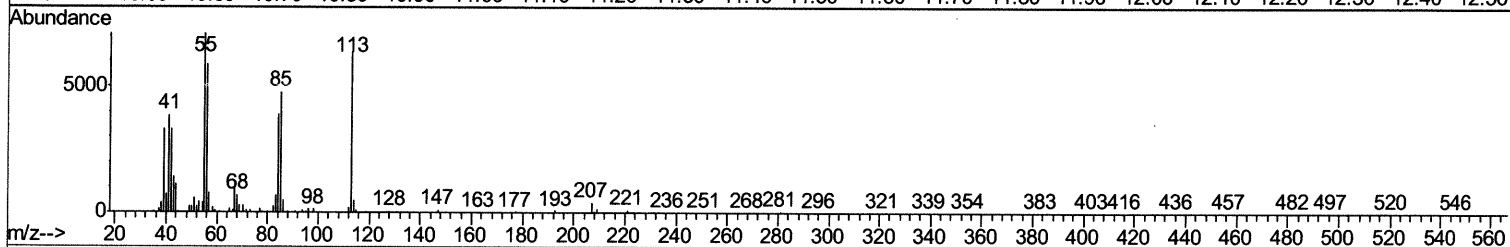
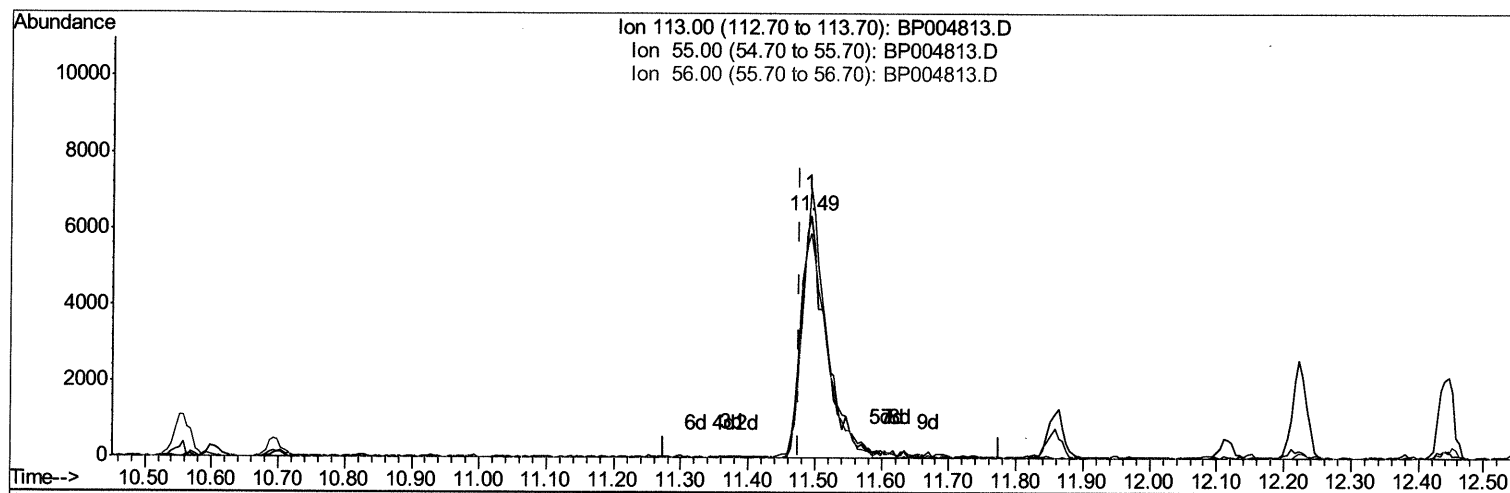
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TIC: BP004813.D

(32) Caprolactam

11.493min (+0.018) 20.11ng/ul m 02/22/21 JU

response 16130

Ion	Exp%	Act%
113.00	100	100
55.00	113.50	111.51
56.00	96.60	92.71
0.00	0.00	0.00

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Quant Time: Feb 18 18:15:12 2021
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 15 12:16:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	42368	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	162297	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	97673	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	213091	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	240844	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	247154	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	9362	8.54	ng/uL	0.00
5) Phenol-d5	6.94	99	66719	19.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	34273	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	54685	21.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	52204	19.51	ng/ul	0.01
19) Nitrobenzene-d5	8.92	128	25738	22.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	28411	23.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	52994	21.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	63588	23.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	146073	20.60	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	184761	21.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	24405	19.70	ng/ul	0.02
58) Fluorene-d10	15.40	176	126216	20.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	23340	18.12	ng/ul	0.00
71) Anthracene-d10	17.26	188	199801	21.26	ng/ul	0.00
79) Pyrene-d10	19.50	212	233402	20.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	262469	20.99	ng/ul	-0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	9445	8.613	ng/uL#	89
4) Benzaldehyde	6.90	77	44226	24.824	ng/ul	98
6) Phenol	6.97	94	68059	19.196	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.19	93	52302	19.994	ng/ul	94
10) 2-Chlorophenol	7.33	128	58552	21.591	ng/ul	96
11) 2-Methylphenol	8.22	108	51220	19.421	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.29	45	42667m >	20.951	ng/ul >	02/22/21 JU
14) Acetophenone	8.59	105	85660	19.464	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.57	70	41271	19.801	ng/ul	97
16) 4-Methylphenol	8.54	108	55691	19.587	ng/ul	94
17) Hexachloroethane	8.84	117	25805	21.717	ng/ul	95
20) Nitrobenzene	8.96	77	63181	20.260	ng/ul	96
21) Isophorone	9.49	82	107729	20.312	ng/ul	97
23) 2-Nitrophenol	9.68	139	30806	22.771	ng/ul	88
24) 2,4-Dimethylphenol	9.74	107	66385	20.297	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.97	93	64732	20.006	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	53422	21.508	ng/ul	94
28) Naphthalene	10.60	128	173854	20.810	ng/ul	98
30) 4-Chloroaniline	10.72	127	65839	23.192	ng/ul	98
31) Hexachlorobutadiene	10.89	225	40756	21.796	ng/ul	95
32) Caprolactam	11.49	113	16130m >	20.113	ng/ul >	02/22/21 JU
33) 4-Chloro-3-methylphenol	11.86	107	57313	19.841	ng/ul	96
34) 2-Methylnaphthalene	12.22	142	122880	20.404	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021721\
 Data File : BP004813.D
 Acq On : 18 Feb 2021 16:52
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 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTD02009

Manual Integrations
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 15 12:16:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.45	142	116339	19.919	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.59	216	69591	21.760	ng/ul	99
38) Hexachlorocyclopentadiene	12.57	237	37841	18.208	ng/ul	97
39) 2,4,6-Trichlorophenol	12.84	196	43372	23.568	ng/ul	100
40) 2,4,5-Trichlorophenol	12.92	196	45088	22.290	ng/ul	98
41) 1,1'-Biphenyl	13.24	154	153369	21.300	ng/ul	99
42) 2-Chloronaphthalene	13.28	162	121525	21.453	ng/ul	96
43) 2-Nitroaniline	13.49	65	32044	20.814	ng/ul	96
45) Dimethylphthalate	13.87	163	150058	20.524	ng/ul	99
46) 2,6-Dinitrotoluene	13.99	165	30646	22.100	ng/ul	97
48) Acenaphthylene	14.13	152	176220	21.620	ng/ul	98
49) 3-Nitroaniline	14.32	138	29374	23.789	ng/ul	96
50) Acenaphthene	14.47	153	126920	20.987	ng/ul	97
51) 2,4-Dinitrophenol	14.53	184	14562	16.703	ng/ul	89
53) 4-Nitrophenol	14.65	109	26595	19.043	ng/ul	88
54) Dibenzofuran	14.81	168	176988	20.469	ng/ul	100
55) 2,4-Dinitrotoluene	14.77	165	44190	21.851	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.04	232	40921	22.494	ng/ul	92
57) Diethylphthalate	15.24	149	150077	20.454	ng/ul	99
59) Fluorene	15.46	166	149142	20.663	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.46	204	77488	19.848	ng/ul	97
61) 4-Nitroaniline	15.49	138	32605	22.469	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.54	198	24062	18.476	ng/ul#	94
65) N-Nitrosodiphenylamine	15.67	169	126245	20.758	ng/ul	100
66) 4-Bromophenyl-phenylether	16.36	248	48479	21.022	ng/ul	94
67) Hexachlorobenzene	16.47	284	55717	21.822	ng/ul	92
68) Atrazine	16.63	200	51545	21.072	ng/ul	99
69) Pentachlorophenol	16.82	266	33390	21.792	ng/ul	97
70) Phenanthrene	17.21	178	235751	20.768	ng/ul	99
72) Anthracene	17.30	178	246675	21.366	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.20	216	70418	22.385	ng/uL	97
74) Pentachlorobenzene	14.73	250	65253	21.196	ng/uL	95
75) Carbazole	17.57	167	216516	21.422	ng/ul	99
76) Di-n-butylphthalate	18.13	149	258726	22.706	ng/ul	99
77) Fluoranthene	19.18	202	295308	21.657	ng/ul	99
80) Pylene	19.53	202	305764	20.903	ng/ul	99
81) Butylbenzylphthalate	20.40	149	126173	24.659	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.17	252	109524	22.887	ng/ul#	99
83) Benzo(a)anthracene	21.23	228	314152	21.778	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.16	149	183460	23.493	ng/ul	98
85) Chrysene	21.29	228	302023	21.118	ng/ul	99
87) Di-n-octyl phthalate	22.05	149	319092	21.139	ng/ul	100
88) Benzo(b)fluoranthene	22.86	252	319226	20.519	ng/ul	99
89) Benzo(k)fluoranthene	22.90	252	317214	20.946	ng/ul	99
91) Benzo(a)pyrene	23.45	252	285532	20.861	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.92	276	370795	21.311	ng/ul	96
93) Dibenzo(a,h)anthracene	25.94	278	314183	21.242	ng/ul	99
94) Benzo(a,h,i)perylene	26.64	276	309827	21.524	ng/ul	98

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Acq On : 18 Feb 2021 16:52
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTD02009

Manual Integrations
APPROVED

mohammad
2/19/2021 12:52:48 PM

Quant Time: Feb 18 18:15:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 12:16:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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