Quantitation Report (Qedit)

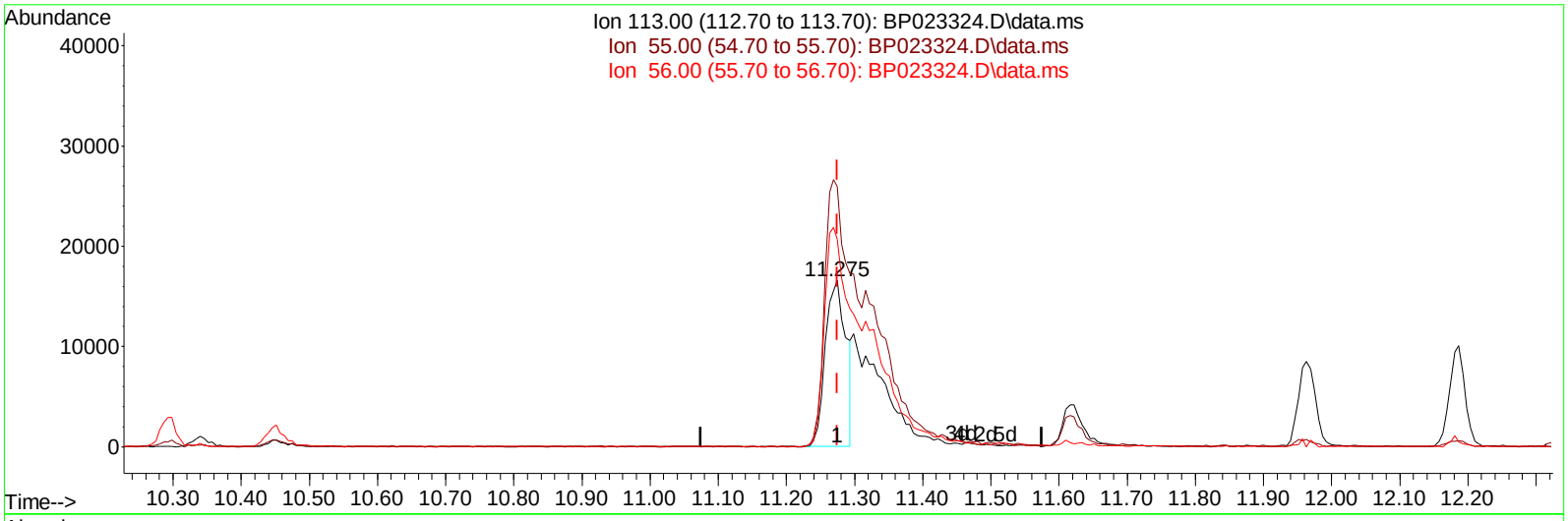
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112624\
Data File : BP023324.D
Acq On : 26 Nov 2024 16:18
Operator : RC/JU
Sample : SSTD04058
Misc :
ALS Vial : 6 Sample Multiplier: 1

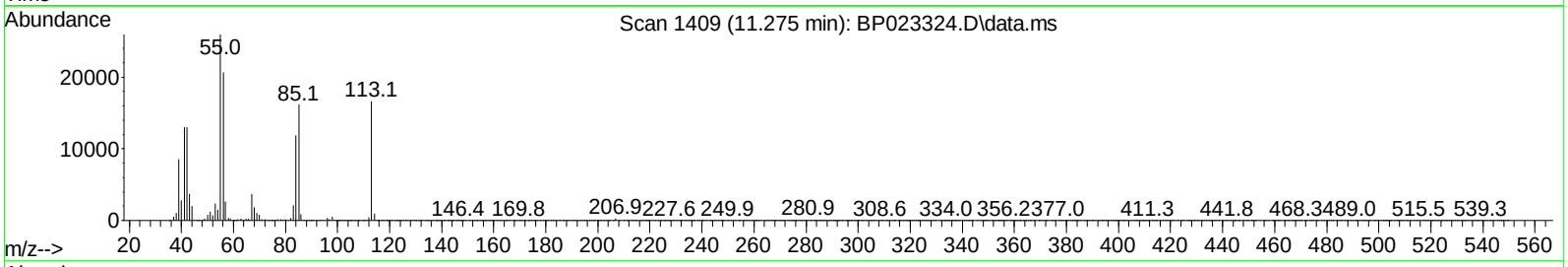
Quant Time: Nov 26 23:26:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 26 23:16:47 2024
Response via : Initial Calibration

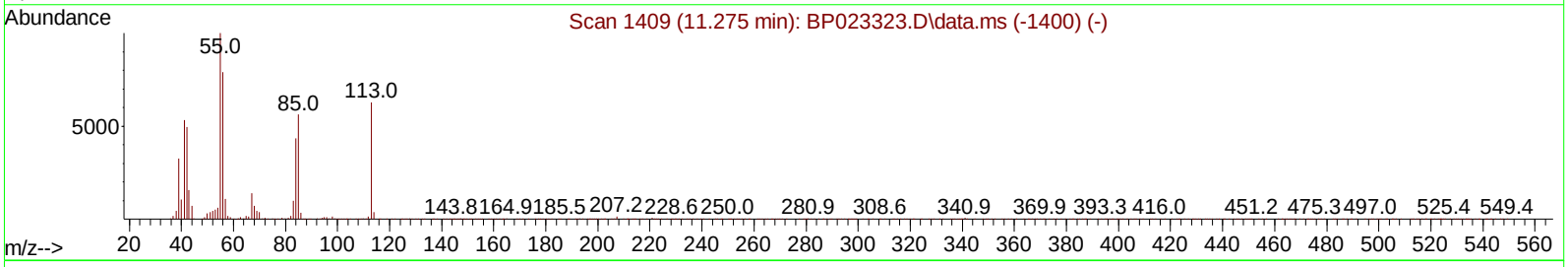
Instrument :
BNA_P
ClientSampleId :
SSTD040638

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024







TIC: BP023324.D\data.ms

(34) Caprolactam

11.275min (+ 0.000) 20.09 ng/ul

response 34827

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	156.31
56.00	125.90	124.71
0.00	0.00	0.00

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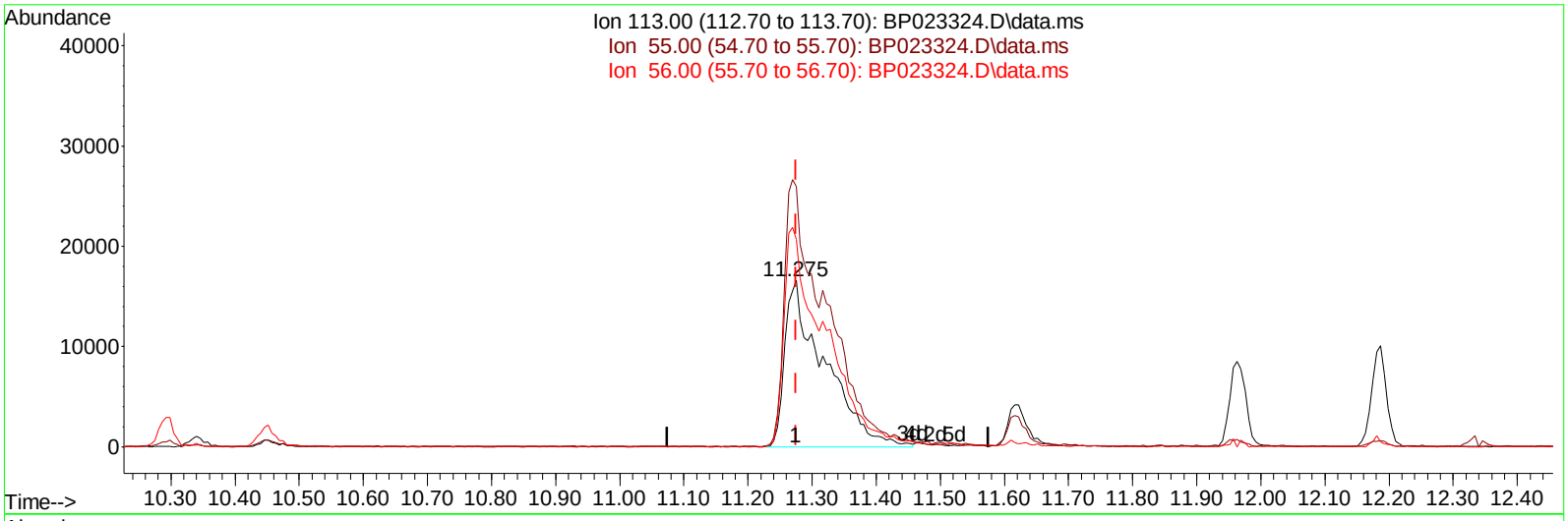

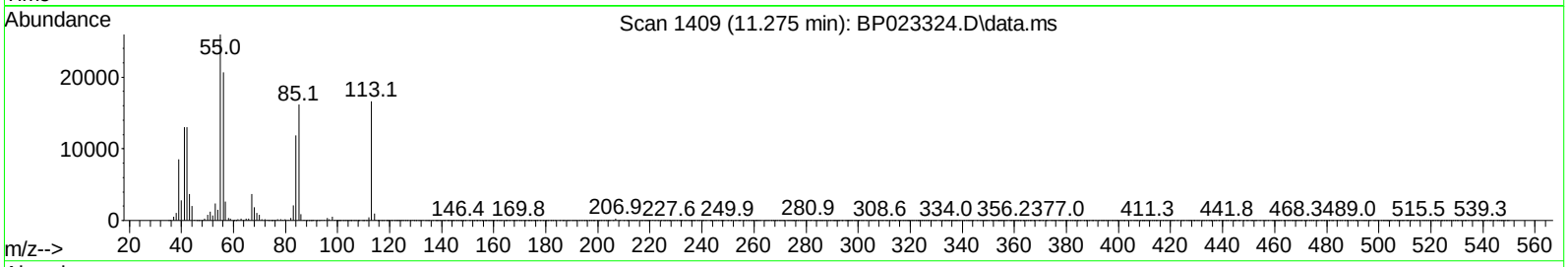

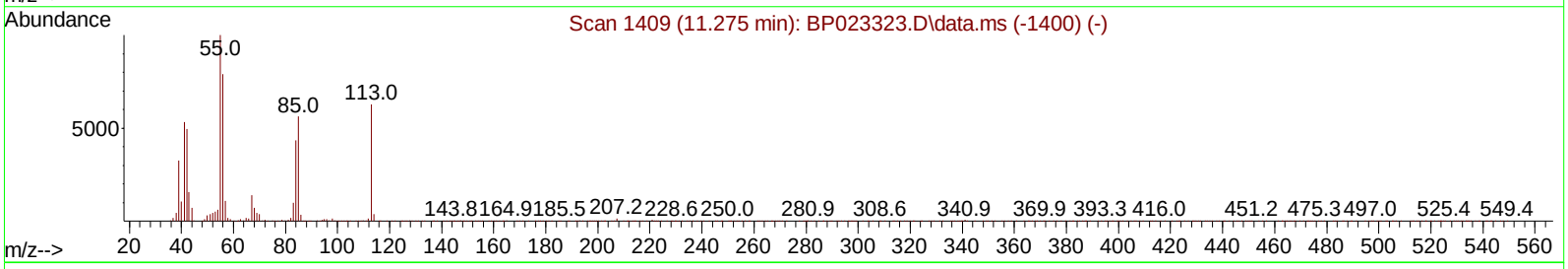

TIC: BP023324.D\data.ms

(34) Caprolactam

11.275min (+ 0.000) 41.24 ng/ul m

response 71491

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	156.31
56.00	125.90	124.71
0.00	0.00	0.00

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Misc :
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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	7.563	152	84907	20.000	ng/ul	0.00
20) Naphthalene-d8	10.293	136	338502	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.163	164	266619	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.975	188	687282	20.000	ng/ul	0.00
79) Chrysene-d12	21.404	240	779502	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	873373	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	35249	19.955	ng/uL	0.00
4) Pyridine-d5	3.534	84	239644	45.663	ng/ul	-0.01
7) Phenol-d5	6.763	99	260605	41.515	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.911	67	164909	44.714	ng/ul	0.00
11) 2-Chlorophenol-d4	7.105	132	196109	42.656	ng/ul	0.00
15) 4-Methylphenol-d8	8.269	113	214382	41.501	ng/ul	0.00
21) Nitrobenzene-d5	8.699	128	97799	41.501	ng/ul	0.00
24) 2-Nitrophenol-d4	9.410	143	114697	40.826	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	239921	40.779	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.451	131	277478	39.532	ng/ul	0.00
46) Dimethylphthalate-d6	13.581	166	773215	40.238	ng/ul	0.01
49) Acenaphthylene-d8	13.851	160	833376	41.564	ng/ul	0.00
54) 4-Nitrophenol-d4	14.434	143	108079	37.426	ng/ul	0.00
60) Fluorene-d10	15.181	176	682477	40.509	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.334	200	161648	39.262	ng/ul	0.00
73) Anthracene-d10	17.063	188	1172566	40.294	ng/ul	-0.01
81) Pyrene-d10	19.457	212	1545824	43.054	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.374	264	1848729	44.438	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	38608	18.916	ng/uL	100
5) Pyridine	3.558	79	244606	46.410	ng/ul	95
6) Benzaldehyde	6.734	77	154130	42.667	ng/ul	98
8) Phenol	6.793	94	276166	42.129	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.999	93	215494	43.747	ng/ul	96
12) 2-Chlorophenol	7.134	128	200175	41.938	ng/ul	97
13) 2-Methylphenol	8.010	108	202055	41.293	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.063	45	261708	46.932	ng/ul	99
16) Acetophenone	8.375	105	352884	40.652	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.352	70	192426	44.396	ng/ul	97
18) 4-Methylphenol	8.334	108	219947	40.696	ng/ul	94
19) Hexachloroethane	8.599	117	97153	42.086	ng/ul	95
22) Nitrobenzene	8.740	77	293633	43.425	ng/ul	98
23) Isophorone	9.252	82	522421	43.208	ng/ul	99
25) 2-Nitrophenol	9.440	139	123331	41.591	ng/ul	96
26) 2,4-Dimethylphenol	9.504	107	258082	40.304	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.728	93	294035	44.198	ng/ul	98
29) 2,4-Dichlorophenol	9.969	162	232014	39.812	ng/ul	98
30) Naphthalene	10.340	128	666742	40.543	ng/ul	99
32) 4-Chloroaniline	10.475	127	265729	39.077	ng/ul	98
33) Hexachlorobutadiene	10.616	225	201967	38.302	ng/ul	98
34) Caprolactam	11.275	113	71491m	41.243	ng/ul	
35) 4-Chloro-3-methylphenol	11.616	107	255015	40.677	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.963	142	493283	39.732	ng/ul	98
37) 1-Methylnaphthalene	12.187	142	498357	39.266	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.334	216	363713	40.408	ng/ul	99
40) Hexachlorocyclopentadiene	12.304	237	177293	37.500	ng/ul	96
41) 2,4,6-Trichlorophenol	12.598	196	225905	41.216	ng/ul	99
42) 2,4,5-Trichlorophenol	12.681	196	234492	39.685	ng/ul	98
43) 1,1'-Biphenyl	12.993	154	711111	41.624	ng/ul	97
44) 2-Chloronaphthalene	13.034	162	577065	41.321	ng/ul	98
45) 2-Nitroaniline	13.257	65	180011	45.905	ng/ul	92
47) Dimethylphthalate	13.634	163	770651	40.666	ng/ul	99
48) 2,6-Dinitrotoluene	13.757	165	156586	42.478	ng/ul	97
50) Acenaphthylene	13.887	152	843656	41.626	ng/ul	100
51) 3-Nitroaniline	14.104	138	132426	41.708	ng/ul	95
52) Acenaphthene	14.228	153	606885	41.244	ng/ul	98
53) 2,4-Dinitrophenol	14.334	184	100885	38.570	ng/ul	98
55) 4-Nitrophenol	14.445	109	128559	38.050	ng/ul	93
56) Dibenzofuran	14.569	168	920876	40.506	ng/ul	100
57) 2,4-Dinitrotoluene	14.569	165	248734	42.336	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.816	232	238047	41.214	ng/ul#	95
59) Diethylphthalate	15.010	149	762906	40.704	ng/ul	99
61) Fluorene	15.228	166	745092	40.043	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.228	204	429460	39.198	ng/ul	99
63) 4-Nitroaniline	15.287	138	115817	39.201	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.351	198	170206	38.700	ng/ul	98
67) N-Nitrosodiphenylamine	15.457	169	651837	41.044	ng/ul	100
68) 4-Bromophenyl-phenylether	16.151	248	297277	38.197	ng/ul	96
69) Hexachlorobenzene	16.263	284	358940	36.636	ng/ul	95
70) Atrazine	16.439	200	303199	39.496	ng/ul	99
71) Pentachlorophenol	16.622	266	223249	36.702	ng/ul	95
72) Phenanthrene	17.010	178	1311706	40.423	ng/ul	99
74) Anthracene	17.110	178	1300865	39.873	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.957	216	364471	40.166	ng/uL	99
76) Pentachlorobenzene	14.498	250	399468	38.554	ng/uL	100
77) Carbazole	17.392	167	1152461	40.488	ng/ul	99
78) Di-n-butylphthalate	17.975	149	1367013	43.278	ng/ul	100
80) Fluoranthene	19.110	202	1773899	42.885	ng/ul	100
82) Pyrene	19.492	202	1870796	42.101	ng/ul	99
83) Butylbenzylphthalate	20.439	149	680271	46.498	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.310	252	716296	40.937	ng/ul	98
85) Benzo(a)anthracene	21.386	228	1999569	42.010	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.310	149	989881	47.612	ng/ul#	98
87) Chrysene	21.451	228	1916975	42.803	ng/ul	99
89) Di-n-octyl phthalate	22.516	149	1650437	46.579	ng/ul	100
90) Benzo(b)fluoranthene	23.586	252	2171739	44.675	ng/ul	99
91) Benzo(k)fluoranthene	23.645	252	2066548	43.184	ng/ul	100
93) Benzo(a)pyrene	24.451	252	1931831	43.961	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.203	276	2422710	39.571	ng/ul	100
95) Dibenzo(a,h)anthracene	28.262	278	1943240	39.091	ng/ul	100
96) Benzo(g,h,i)perylene	29.327	276	1846196	39.701	ng/ul	99

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

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