Quantitation Report (Qedit)

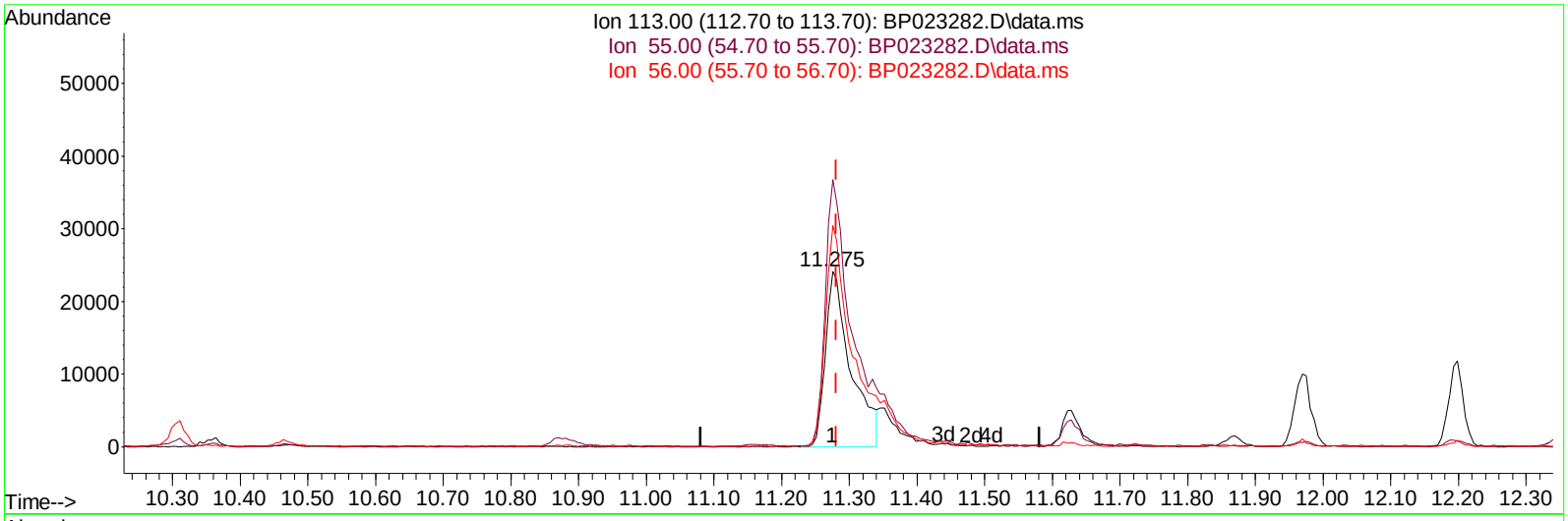
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023282.D
Acq On : 21 Nov 2024 13:21
Operator : RC/JU
Sample : P4872-07MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

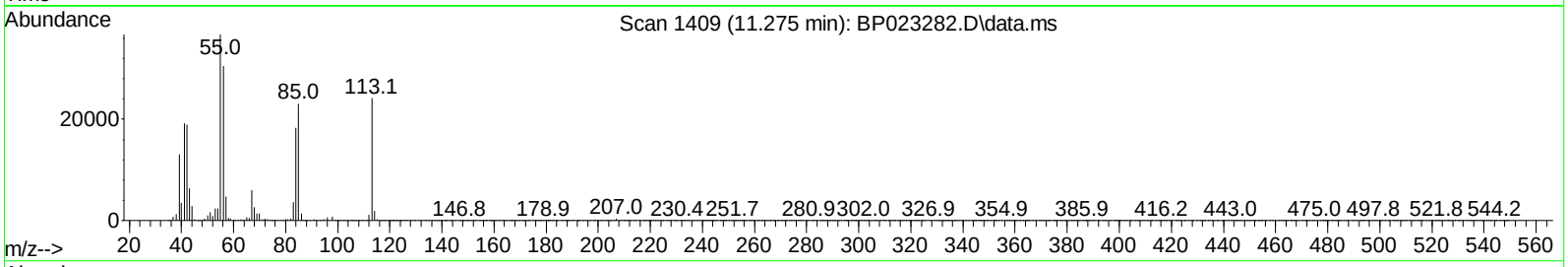
Quant Time: Nov 22 00:28:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration

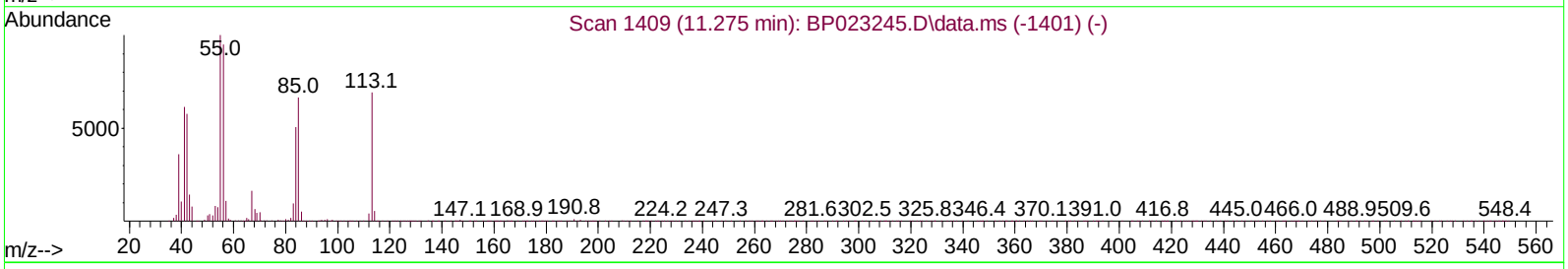
Instrument :
BNA_P
ClientSampleId :
E29X5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024







TIC: BP023282.D\data.ms

(34) Caprolactam

11.275min (-0.006) 26.27 ng/ul

response 63087

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	152.07
56.00	124.80	126.12
0.00	0.00	0.00

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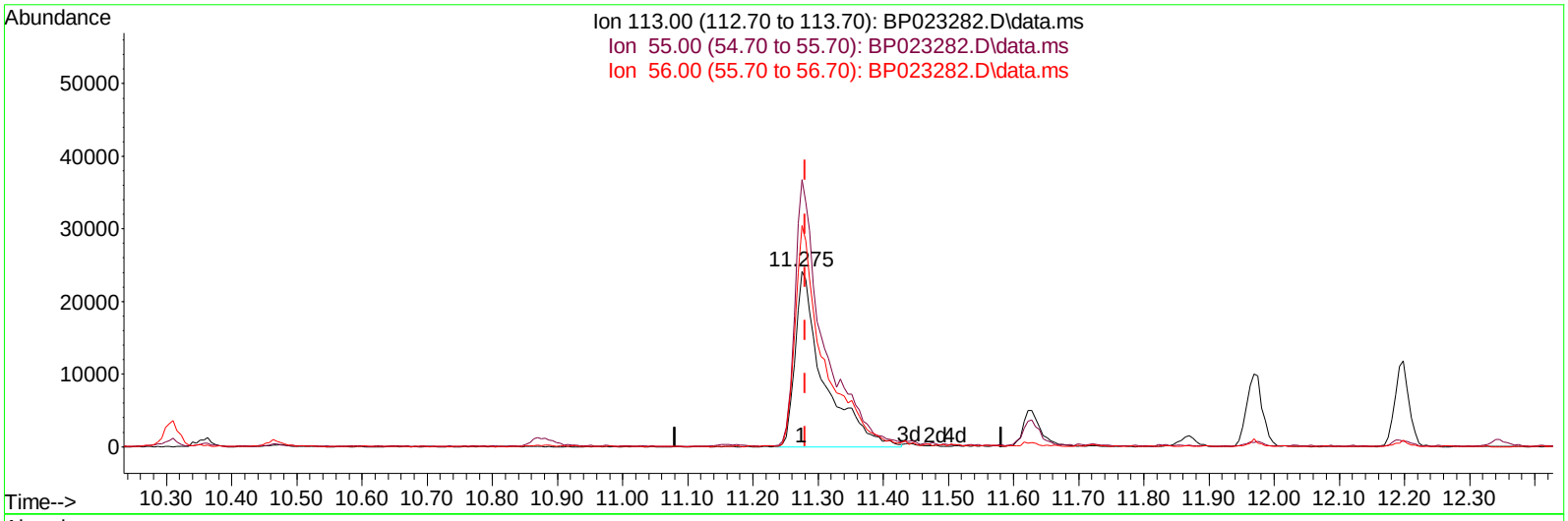

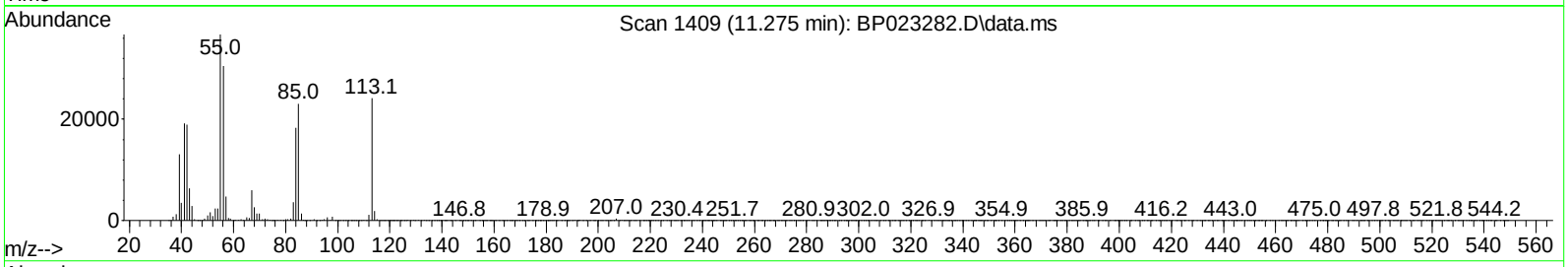

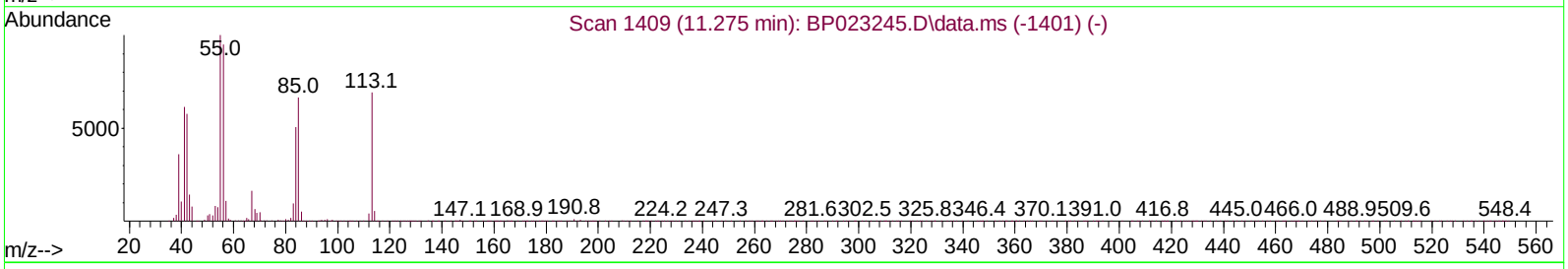

TIC: BP023282.D\data.ms

(34) Caprolactam

11.275min (-0.006) 30.82 ng/ul m

response 74002

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	152.07
56.00	124.80	126.12
0.00	0.00	0.00

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Misc :
ALS Vial : 41 Sample Multiplier: 1

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QLast Update : Wed Nov 20 04:34:35 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	7.558	152	126737	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.310	136	468903	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.175	164	352005	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.992	188	862885	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.439	240	935152	20.000	ng/ul	0.02
88) Perylene-d12	24.674	264	1050378	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	7161	2.716	ng/uL	0.00
4) Pyridine-d5	3.540	84	96628	12.335	ng/ul	0.00
7) Phenol-d5	6.763	99	145806	15.561	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.910	67	86444	15.703	ng/ul	0.00
11) 2-Chlorophenol-d4	7.110	132	109904	16.015	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	119133	15.450	ng/ul	0.00
21) Nitrobenzene-d5	8.704	128	54220	16.610	ng/ul	0.00
24) 2-Nitrophenol-d4	9.416	143	64007	16.447	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.951	165	142259	17.455	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.463	131	113171	11.640	ng/ul	0.00
46) Dimethylphthalate-d6	13.598	166	431689	17.016	ng/ul	0.01
49) Acenaphthylene-d8	13.863	160	462471	17.470	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.445	143	52666	13.814	ng/ul	-0.01
60) Fluorene-d10	15.198	176	385050	17.311	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	74399	14.393	ng/ul	0.00
73) Anthracene-d10	17.098	188	625220	17.113	ng/ul	0.00
81) Pyrene-d10	19.492	212	794521	18.446	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.445	264	892895	17.846	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	34789	11.419	ng/uL	98
5) Pyridine	3.558	79	215976	27.453	ng/ul	93
6) Benzaldehyde	6.734	77	79816	14.802	ng/ul	94
8) Phenol	6.793	94	310072	31.690	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.999	93	229222	31.175	ng/ul	96
12) 2-Chlorophenol	7.140	128	223897	31.426	ng/ul	96
13) 2-Methylphenol	8.010	108	223615	30.616	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.063	45	265176	31.858	ng/ul	95
16) Acetophenone	8.375	105	381622	29.453	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.352	70	198229	30.640	ng/ul	98
18) 4-Methylphenol	8.334	108	242800	30.097	ng/ul	96
19) Hexachloroethane	8.604	117	104288	30.266	ng/ul	96
22) Nitrobenzene	8.746	77	308768	32.964	ng/ul	98
23) Isophorone	9.263	82	541740	32.345	ng/ul	99
25) 2-Nitrophenol	9.446	139	136454	33.219	ng/ul	92
26) 2,4-Dimethylphenol	9.510	107	264609	29.832	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.734	93	308043	33.427	ng/ul	97
29) 2,4-Dichlorophenol	9.981	162	266288	32.986	ng/ul	98
30) Naphthalene	10.357	128	720806	31.642	ng/ul	99
32) 4-Chloroaniline	10.493	127	127249	13.509	ng/ul	96
33) Hexachlorobutadiene	10.628	225	232983	31.896	ng/ul	98
34) Caprolactam	11.275	113	74002m	30.819	ng/ul	
35) 4-Chloro-3-methylphenol	11.628	107	286422	32.981	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.969	142	543292	31.590	ng/ul	98
37) 1-Methylnaphthalene	12.193	142	535870	30.480	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.345	216	410923	34.579	ng/ul	97
40) Hexachlorocyclopentadiene	12.316	237	152536	24.438	ng/ul	99
41) 2,4,6-Trichlorophenol	12.610	196	251703	34.783	ng/ul	98
42) 2,4,5-Trichlorophenol	12.693	196	278817	35.740	ng/ul	97
43) 1,1'-Biphenyl	13.004	154	769879	34.132	ng/ul	99
44) 2-Chloronaphthalene	13.045	162	636271	34.509	ng/ul	99
45) 2-Nitroaniline	13.275	65	189194	36.544	ng/ul	95
47) Dimethylphthalate	13.645	163	817459	32.672	ng/ul	99
48) 2,6-Dinitrotoluene	13.775	165	172505	35.445	ng/ul	95
50) Acenaphthylene	13.892	152	914060	34.160	ng/ul	100
51) 3-Nitroaniline	14.116	138	132936	31.713	ng/ul	95
52) Acenaphthene	14.245	153	655316	33.733	ng/ul	98
53) 2,4-Dinitrophenol	14.351	184	103214	29.888	ng/ul	96
55) 4-Nitrophenol	14.457	109	133135	29.846	ng/ul	95
56) Dibenzofuran	14.587	168	998738	33.275	ng/ul	100
57) 2,4-Dinitrotoluene	14.587	165	260864	33.630	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.834	232	241015	31.606	ng/ul	99
59) Diethylphthalate	15.034	149	817571	33.040	ng/ul	99
61) Fluorene	15.245	166	807943	32.888	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.245	204	471773	32.615	ng/ul	97
63) 4-Nitroaniline	15.310	138	143284	36.734	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.375	198	171963	31.143	ng/ul#	99
67) N-Nitrosodiphenylamine	15.475	169	702135	35.214	ng/ul	99
68) 4-Bromophenyl-phenylether	16.175	248	333878	34.169	ng/ul	95
69) Hexachlorobenzene	16.286	284	411056	33.417	ng/ul	94
70) Atrazine	16.469	200	19570	2.030	ng/ul	99
71) Pentachlorophenol	16.645	266	223859	29.312	ng/ul	99
72) Phenanthrene	17.039	178	1384843	33.991	ng/ul	99
74) Anthracene	17.139	178	1346528	32.873	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.969	216	395358	34.703	ng/uL	97
76) Pentachlorobenzene	14.504	250	452512	34.786	ng/uL	97
77) Carbazole	17.428	167	1181728	33.067	ng/ul	100
78) Di-n-butylphthalate	18.004	149	1402008	35.353	ng/ul	99
80) Fluoranthene	19.139	202	1815198	36.579	ng/ul	99
82) Pyrene	19.522	202	1908942	35.809	ng/ul	99
83) Butylbenzylphthalate	20.474	149	667342	38.022	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.351	252	554011	26.392	ng/ul	99
85) Benzo(a)anthracene	21.421	228	1968054	34.466	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	961871	38.565	ng/ul	97
87) Chrysene	21.486	228	1805307	33.600	ng/ul	99
89) Di-n-octyl phthalate	22.574	149	1579617	37.068	ng/ul	100
90) Benzo(b)fluoranthene	23.645	252	2055942	35.166	ng/ul	99
91) Benzo(k)fluoranthene	23.715	252	2010551	34.934	ng/ul#	99
93) Benzo(a)pyrene	24.521	252	1820043	34.438	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.327	276	2422232	32.896	ng/ul	98
95) Dibenzo(a,h)anthracene	28.386	278	1957559	32.743	ng/ul	100
96) Benzo(g,h,i)perylene	29.462	276	1835107	32.812	ng/ul	98

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

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