Quantitation Report (Qedit)

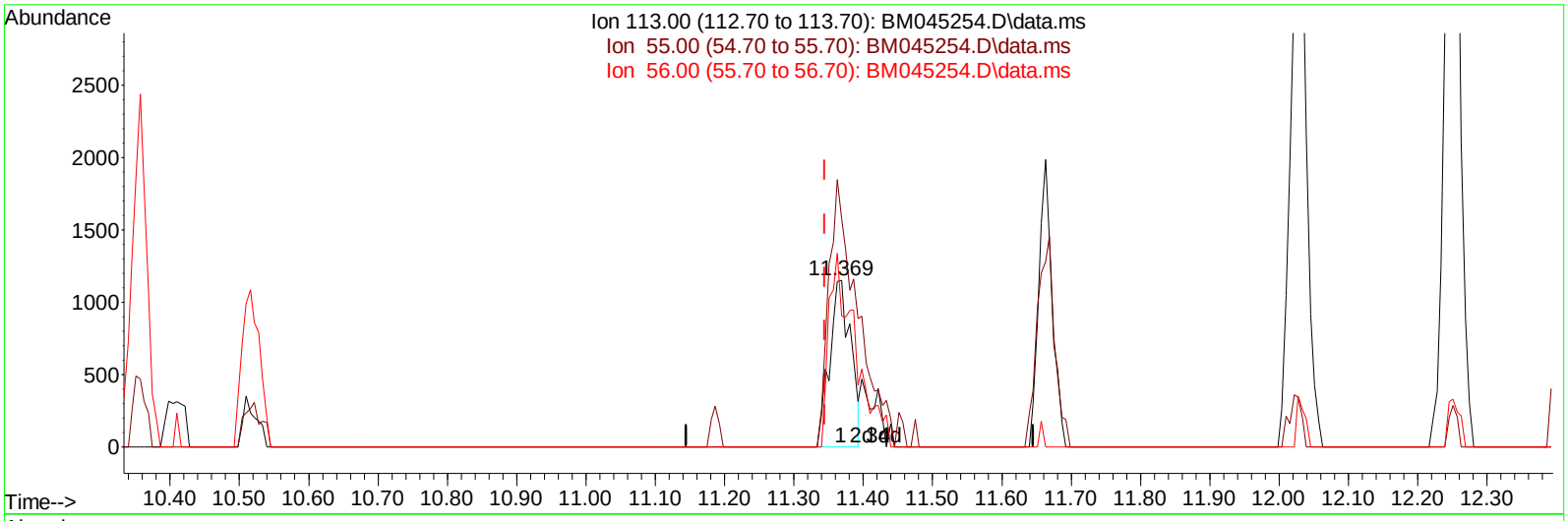
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045254.D
Acq On : 15 Apr 2024 21:16
Operator : MA/JU
Sample : P2036-13MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

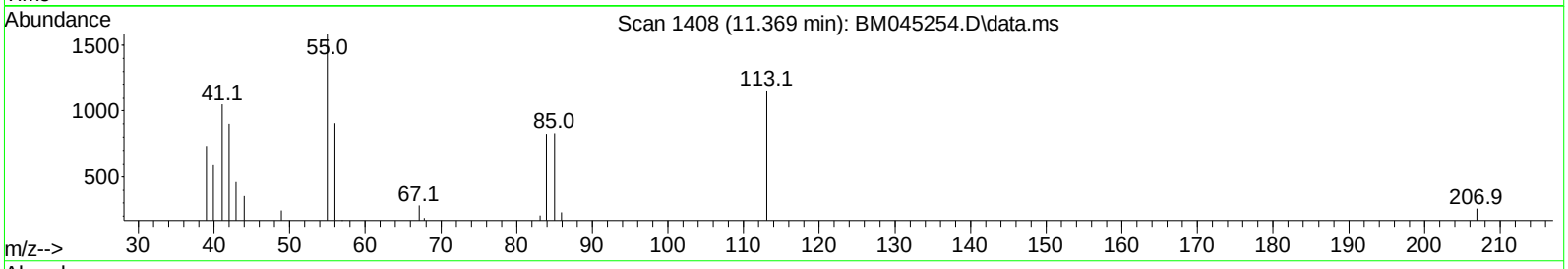
Quant Time: Apr 15 22:34:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 22:24:11 2024
Response via : Initial Calibration

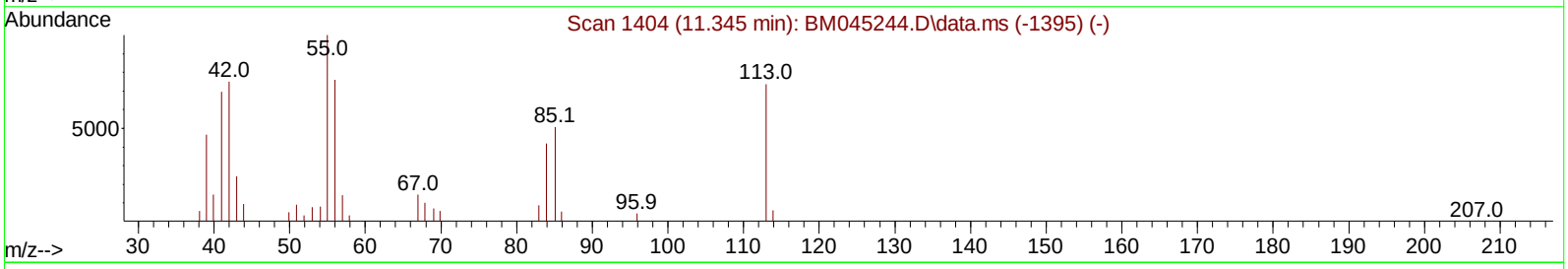
Instrument :
BNA_M
ClientSampleId :
YCSY4MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024







TIC: BM045254.D\data.ms

(34) Caprolactam

11.369min (+ 0.024) 1.88 ng/ul

response 2436

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	137.15
56.00	114.80	78.56#
0.00	0.00	0.00

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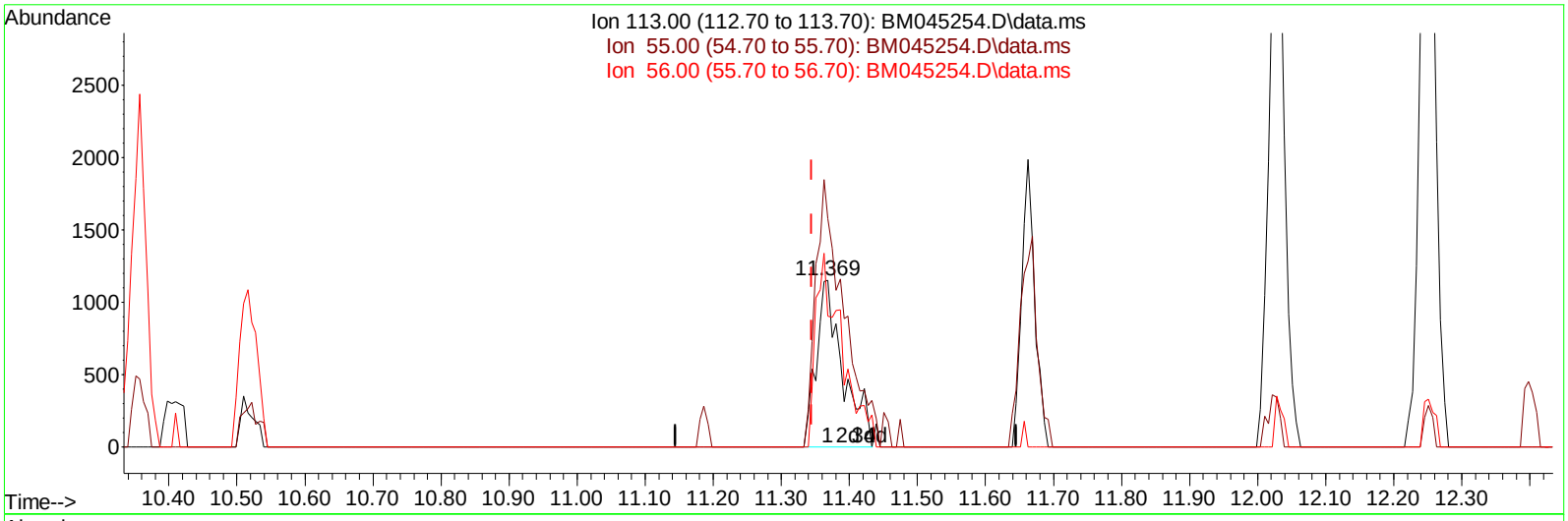

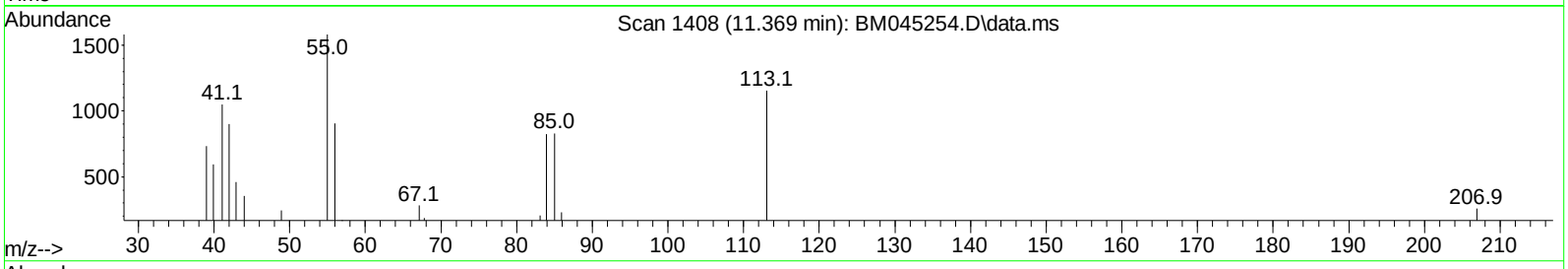

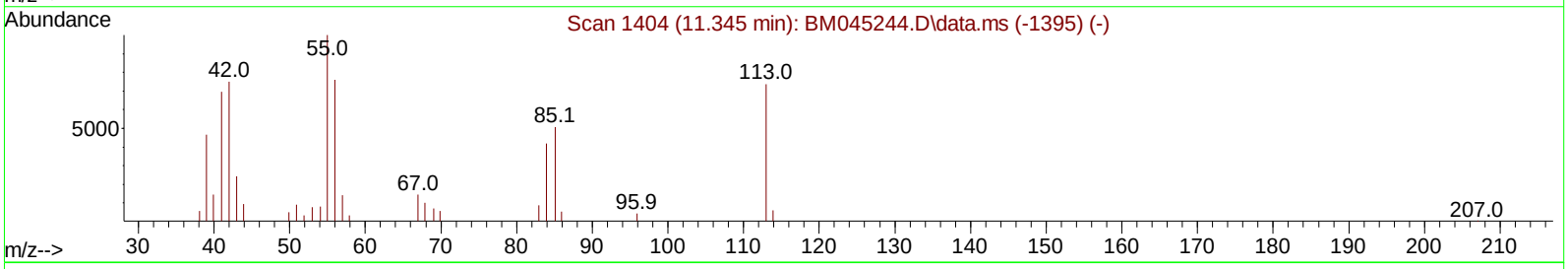

TIC: BM045254.D\data.ms

(34) Caprolactam

11.369min (+ 0.024) 2.41 ng/ul m

response 3122

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	137.15
56.00	114.80	78.56#
0.00	0.00	0.00

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Operator : MA/JU
Sample : P2036-13MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 15 22:45:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 22:24:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
YCSY4MS

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	62619	20.000	ng/ul	0.00
20) Naphthalene-d8	10.357	136	255975	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.233	164	164491	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	319365	20.000	ng/ul	0.00
79) Chrysene-d12	21.209	240	310829	20.000	ng/ul	0.00
88) Perylene-d12	23.409	264	388550	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	5780	3.447	ng/uL	0.00
4) Pyridine-d5	3.581	84	30040	6.588	ng/ul	0.00
7) Phenol-d5	6.775	99	24178	4.555	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	80578	25.477	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	78119	18.783	ng/ul	0.00
15) 4-Methylphenol-d8	8.298	113	46288	11.140	ng/ul	0.00
21) Nitrobenzene-d5	8.745	128	49996	25.428	ng/ul	0.00
24) 2-Nitrophenol-d4	9.457	143	52665	25.377	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.986	165	92759	24.378	ng/ul	0.00
31) 4-Chloroaniline-d4	10.516	131	126334	20.854	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	312701	27.303	ng/ul	0.00
49) Acenaphthylene-d8	13.927	160	341871	25.267	ng/ul	0.00
54) 4-Nitrophenol-d4	14.480	143	8635	3.613	ng/ul	0.00
60) Fluorene-d10	15.239	176	257827	25.251	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	46890	24.763	ng/ul	0.00
73) Anthracene-d10	17.098	188	391003	27.216	ng/ul	0.00
81) Pyrene-d10	19.404	212	463505	30.284	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.274	264	530708	27.999	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	13372	7.636	ng/uL#	83
5) Pyridine	3.599	79	36395	7.532	ng/ul	93
6) Benzaldehyde	6.751	77	79322	32.233	ng/ul	96
8) Phenol	6.798	94	27272	4.961	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.034	93	103110	24.033	ng/ul	98
12) 2-Chlorophenol	7.151	128	83288	19.085	ng/ul	98
13) 2-Methylphenol	8.034	108	54060	13.323	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.110	45	125355	24.497	ng/ul	97
16) Acetophenone	8.416	105	164791	24.393	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.398	70	85486	26.801	ng/ul	94
18) 4-Methylphenol	8.363	108	51270	11.723	ng/ul	99
19) Hexachloroethane	8.634	117	47476	24.735	ng/ul	96
22) Nitrobenzene	8.792	77	126966	26.320	ng/ul	96
23) Isophorone	9.310	82	234231	26.428	ng/ul	98
25) 2-Nitrophenol	9.492	139	58056	25.204	ng/ul	90
26) 2,4-Dimethylphenol	9.551	107	72662	16.362	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.792	93	138966	26.448	ng/ul	96
29) 2,4-Dichlorophenol	10.016	162	92532	24.070	ng/ul	98
30) Naphthalene	10.404	128	342839	25.301	ng/ul	98
32) 4-Chloroaniline	10.539	127	118673	20.132	ng/ul	99
33) Hexachlorobutadiene	10.669	225	61412	25.693	ng/ul#	86
34) Caprolactam	11.369	113	3122m	2.406	ng/ul	
35) 4-Chloro-3-methylphenol	11.663	107	78097	20.436	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	12.028	142	230845	26.091	ng/ul	100
37) 1-Methylnaphthalene	12.251	142	235122	26.261	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.398	216	117664	26.156	ng/ul	97
40) Hexachlorocyclopentadiene	12.363	237	56106	20.603	ng/ul	98
41) 2,4,6-Trichlorophenol	12.657	196	73815	25.154	ng/ul	96
42) 2,4,5-Trichlorophenol	12.727	196	77497	23.968	ng/ul	96
43) 1,1'-Biphenyl	13.063	154	304302	26.198	ng/ul	98
44) 2-Chloronaphthalene	13.098	162	234702	24.871	ng/ul	100
45) 2-Nitroaniline	13.333	65	71060	27.279	ng/ul	92
47) Dimethylphthalate	13.716	163	315639	26.367	ng/ul	100
48) 2,6-Dinitrotoluene	13.845	165	59999	25.571	ng/ul#	86
50) Acenaphthylene	13.957	152	389161	24.626	ng/ul	99
51) 3-Nitroaniline	14.174	138	61423	23.999	ng/ul	96
52) Acenaphthene	14.298	153	264909	25.123	ng/ul	98
53) 2,4-Dinitrophenol	14.392	184	29285	20.993	ng/ul	94
55) 4-Nitrophenol	14.492	109	8334	3.965	ng/ul	84
56) Dibenzofuran	14.639	168	355798	24.658	ng/ul	95
57) 2,4-Dinitrotoluene	14.639	165	89894	25.595	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.874	232	68329	24.692	ng/ul	98
59) Diethylphthalate	15.086	149	339704	27.815	ng/ul	98
61) Fluorene	15.298	166	296125	24.349	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.298	204	137829	24.179	ng/ul	98
63) 4-Nitroaniline	15.351	138	55761	23.963	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.398	198	50153	24.732	ng/ul	94
67) N-Nitrosodiphenylamine	15.516	169	242666	28.167	ng/ul	98
68) 4-Bromophenyl-phenylether	16.192	248	90098	28.967	ng/ul	92
69) Hexachlorobenzene	16.292	284	109437	27.048	ng/ul	93
70) Atrazine	16.486	200	88639	27.970	ng/ul	95
71) Pentachlorophenol	16.651	266	59784	24.325	ng/ul	98
72) Phenanthrene	17.039	178	473447	27.548	ng/ul	99
74) Anthracene	17.133	178	470694	26.774	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.016	216	114059	28.336	ng/uL	98
76) Pentachlorobenzene	14.551	250	119245	27.843	ng/uL	98
77) Carbazole	17.415	167	447802	26.416	ng/ul	98
78) Di-n-butylphthalate	17.986	149	629320	32.919	ng/ul	99
80) Fluoranthene	19.068	202	543231	30.093	ng/ul	99
82) Pyrene	19.433	202	593564	30.470	ng/ul	99
83) Butylbenzylphthalate	20.356	149	283384	34.722	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.139	252	167790	24.278	ng/ul	95
85) Benzo(a)anthracene	21.192	228	572101	27.126	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.139	149	450732	35.330	ng/ul	98
87) Chrysene	21.245	228	543556	27.647	ng/ul	99
89) Di-n-octyl phthalate	22.015	149	771873	31.574	ng/ul	100
90) Benzo(b)fluoranthene	22.750	252	625813	27.634	ng/ul	99
91) Benzo(k)fluoranthene	22.797	252	629744	27.628	ng/ul	100
93) Benzo(a)pyrene	23.315	252	546063	24.776	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.621	276	811197	28.413	ng/ul	97
95) Dibenzo(a,h)anthracene	25.633	278	661695	27.721	ng/ul	98
96) Benzo(g,h,i)perylene	26.291	276	632838	28.098	ng/ul	99

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

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Manual IntegrationsAPPROVED

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