Quantitation Report (Qedit)

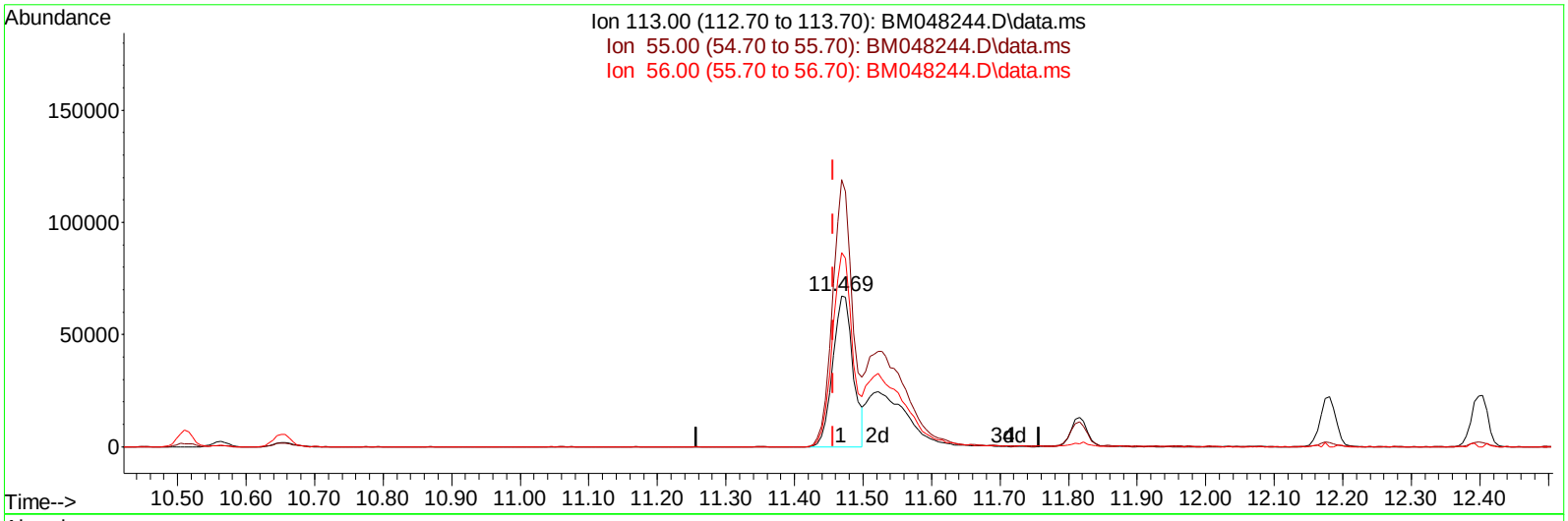
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102624\
Data File : BM048244.D
Acq On : 26 Oct 2024 12:33
Operator : RC/JU
Sample : SSTD04051
Misc :
ALS Vial : 5 Sample Multiplier: 1

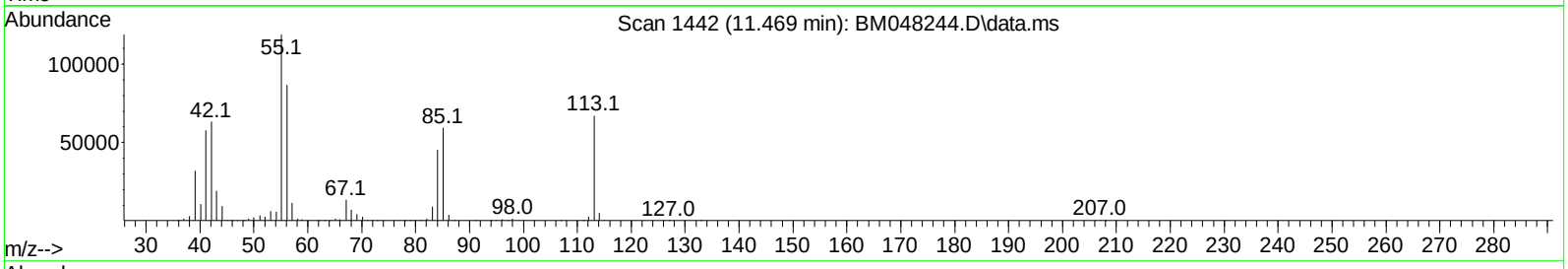
Quant Time: Oct 27 23:18:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:07:41 2024
Response via : Initial Calibration

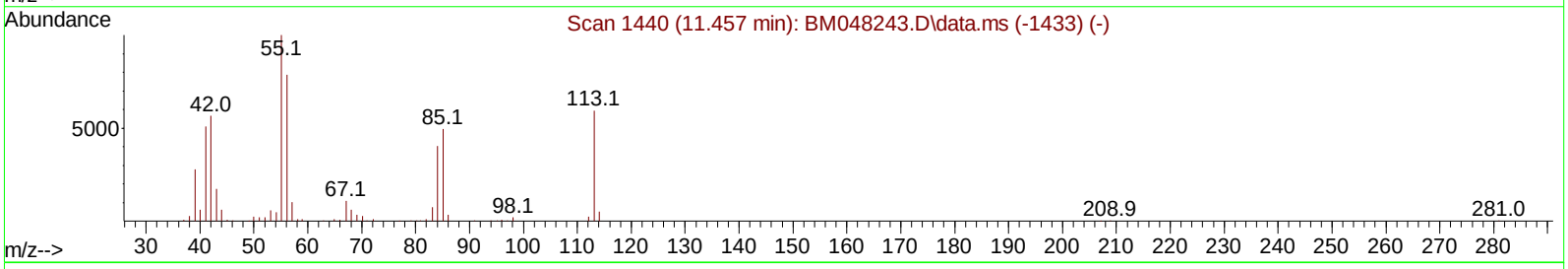
Instrument :
BNA_M
ClientSampleId :
SSTD040037

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024







TIC: BM048244.D\data.ms

(34) Caprolactam

11.469min (+ 0.012) 25.73 ng/ul

response 138372

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	176.97
56.00	132.30	128.84
0.00	0.00	0.00

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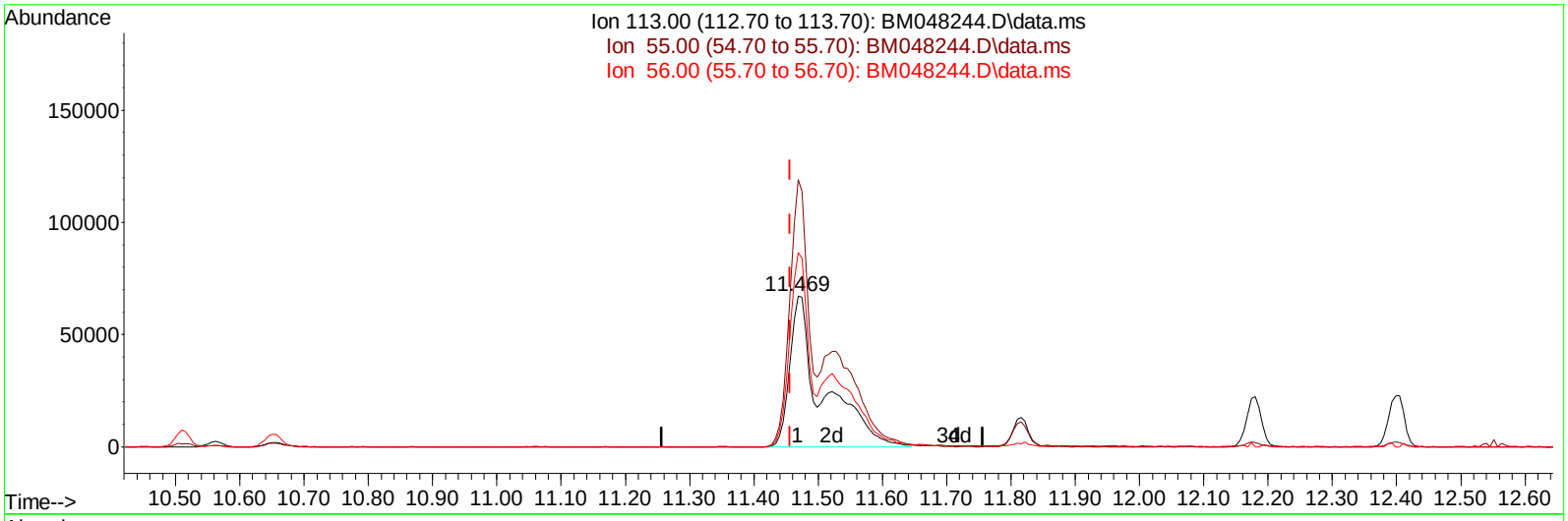

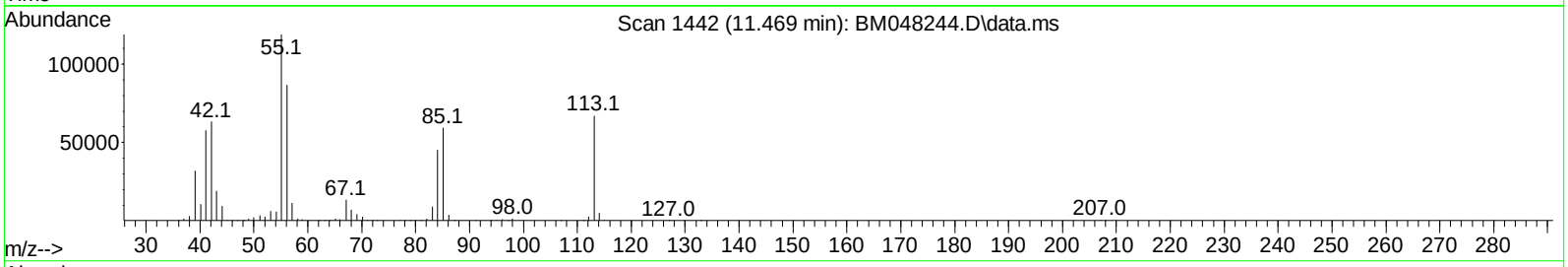

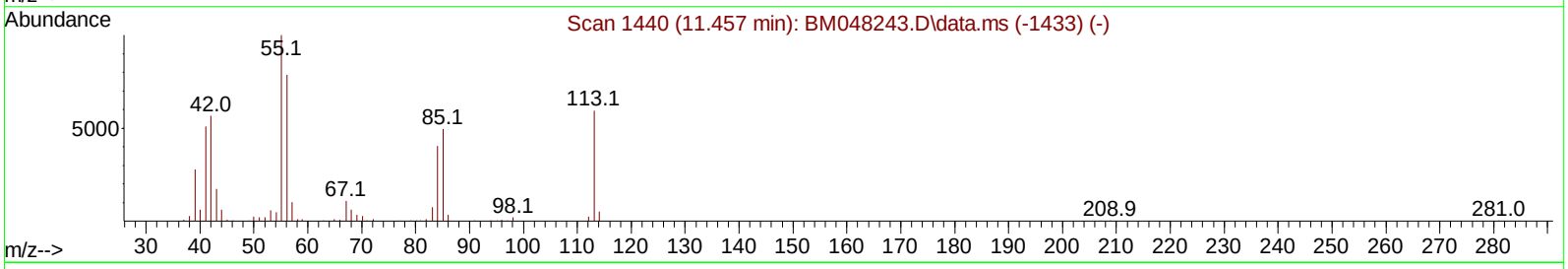

TIC: BM048244.D\data.ms

(34) Caprolactam

11.469min (+ 0.012) 44.25 ng/ul m

response 237991

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	176.97
56.00	132.30	128.84
0.00	0.00	0.00

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 27 23:31:47 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:07:41 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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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	7.722	152	244853	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	1055591	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	681754	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	1404262	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	1226434	20.000	ng/ul	0.00
88) Perylene-d12	24.286	264	1242642	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	94066	14.588	ng/uL	0.00
4) Pyridine-d5	3.587	84	711449	41.005	ng/ul	0.00
7) Phenol-d5	6.898	99	843433	42.525	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.057	67	524508	44.520	ng/ul	0.00
11) 2-Chlorophenol-d4	7.257	132	706288	41.171	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	693546	44.928	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	357014	40.079	ng/ul	0.00
24) 2-Nitrophenol-d4	9.598	143	403045	40.889	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	718385	41.381	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131	992514	43.680	ng/ul	0.00
46) Dimethylphthalate-d6	13.780	166	2067328	41.751	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	2360437	40.092	ng/ul	0.00
54) 4-Nitrophenol-d4	14.586	143	408710	44.657	ng/ul	0.00
60) Fluorene-d10	15.363	176	1730486	40.935	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	384956	42.383	ng/ul	0.00
73) Anthracene-d10	17.210	188	2642355	39.676	ng/ul	0.00
81) Pyrene-d10	19.498	212	3034373	40.489	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.086	264	2691656	40.554	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	100553	14.891	ng/uL	96
5) Pyridine	3.605	79	730998	41.234	ng/ul	98
6) Benzaldehyde	6.863	77	478670	52.152	ng/ul	97
8) Phenol	6.928	94	884498	43.355	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.151	93	702182	42.884	ng/ul	99
12) 2-Chlorophenol	7.293	128	713325	41.268	ng/ul	99
13) 2-Methylphenol	8.175	108	673661	43.652	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.245	45	1095905	47.414	ng/ul	99
16) Acetophenone	8.545	105	1118951	47.268	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.540	70	571108	50.954	ng/ul	99
18) 4-Methylphenol	8.504	108	755573	45.506	ng/ul	98
19) Hexachloroethane	8.798	117	298236	40.588	ng/ul	99
22) Nitrobenzene	8.922	77	818386	42.458	ng/ul	100
23) Isophorone	9.451	82	1614898	43.809	ng/ul	99
25) 2-Nitrophenol	9.634	139	435496	41.431	ng/ul	99
26) 2,4-Dimethylphenol	9.698	107	748764	40.892	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.928	93	983224	42.574	ng/ul	99
29) 2,4-Dichlorophenol	10.169	162	721698	41.500	ng/ul	100
30) Naphthalene	10.563	128	2333618	39.993	ng/ul	100
32) 4-Chloroaniline	10.675	127	963678	43.980	ng/ul	99
33) Hexachlorobutadiene	10.845	225	458398	39.880	ng/ul	99
34) Caprolactam	11.469	113	237991m	44.246	ng/ul	
35) 4-Chloro-3-methylphenol	11.816	107	747011	44.686	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.181	142	1603222	42.216	ng/ul	98
37) 1-Methylnaphthalene	12.398	142	1623282	42.441	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.551	216	863284	38.865	ng/ul	99
40) Hexachlorocyclopentadiene	12.528	237	526950	42.393	ng/ul	99
41) 2,4,6-Trichlorophenol	12.798	196	586477	40.148	ng/ul	98
42) 2,4,5-Trichlorophenol	12.875	196	631598	41.058	ng/ul	96
43) 1,1'-Biphenyl	13.198	154	2070400	39.321	ng/ul	99
44) 2-Chloronaphthalene	13.239	162	1628671	39.009	ng/ul	99
45) 2-Nitroaniline	13.451	65	494116	45.535	ng/ul	99
47) Dimethylphthalate	13.827	163	2069133	41.555	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	437577	44.250	ng/ul	93
50) Acenaphthylene	14.086	152	2537929	39.847	ng/ul	99
51) 3-Nitroaniline	14.280	138	462136	44.804	ng/ul	98
52) Acenaphthene	14.433	153	1768831	40.140	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	293205	44.939	ng/ul	92
55) 4-Nitrophenol	14.604	109	297156	46.668	ng/ul	97
56) Dibenzofuran	14.769	168	2429560	40.298	ng/ul	100
57) 2,4-Dinitrotoluene	14.739	165	631005	44.919	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.998	232	520421	41.938	ng/ul	99
59) Diethylphthalate	15.192	149	2104659	42.622	ng/ul	99
61) Fluorene	15.416	166	1924150	40.834	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.410	204	968075	41.310	ng/ul	100
63) 4-Nitroaniline	15.445	138	441780	49.453	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.504	198	416048	42.582	ng/ul	97
67) N-Nitrosodiphenylamine	15.627	169	1649977	39.071	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	611646	40.148	ng/ul	100
69) Hexachlorobenzene	16.421	284	714186	39.665	ng/ul	97
70) Atrazine	16.580	200	603937	42.612	ng/ul	98
71) Pentachlorophenol	16.763	266	481007	41.434	ng/ul	99
72) Phenanthrene	17.151	178	3047429	39.672	ng/ul	100
74) Anthracene	17.245	178	3077101	39.919	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	865918	36.682	ng/uL	100
76) Pentachlorobenzene	14.686	250	869667	37.833	ng/uL	99
77) Carbazole	17.515	167	2853075	41.785	ng/ul	99
78) Di-n-butylphthalate	18.074	149	3777893	42.008	ng/ul	99
80) Fluoranthene	19.168	202	3526859	40.448	ng/ul	99
82) Pyrene	19.533	202	3733101	40.190	ng/ul	99
83) Butylbenzylphthalate	20.427	149	1680760	41.652	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.239	252	1176388	43.007	ng/ul	99
85) Benzo(a)anthracene	21.315	228	3566550	39.995	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	2437027	41.779	ng/ul	99
87) Chrysene	21.380	228	3328564	39.609	ng/ul	99
89) Di-n-octyl phthalate	22.350	149	4138503	46.156	ng/ul	100
90) Benzo(b)fluoranthene	23.356	252	3305711	42.234	ng/ul	99
91) Benzo(k)fluoranthene	23.415	252	3254125	41.743	ng/ul	100
93) Benzo(a)pyrene	24.150	252	2966121	40.708	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.615	276	3381932	35.803	ng/ul	99
95) Dibenzo(a,h)anthracene	27.662	278	2781639	36.447	ng/ul	100
96) Benzo(g,h,i)perylene	28.650	276	2553504	34.734	ng/ul	99

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

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