Quantitation Report (Qedit)

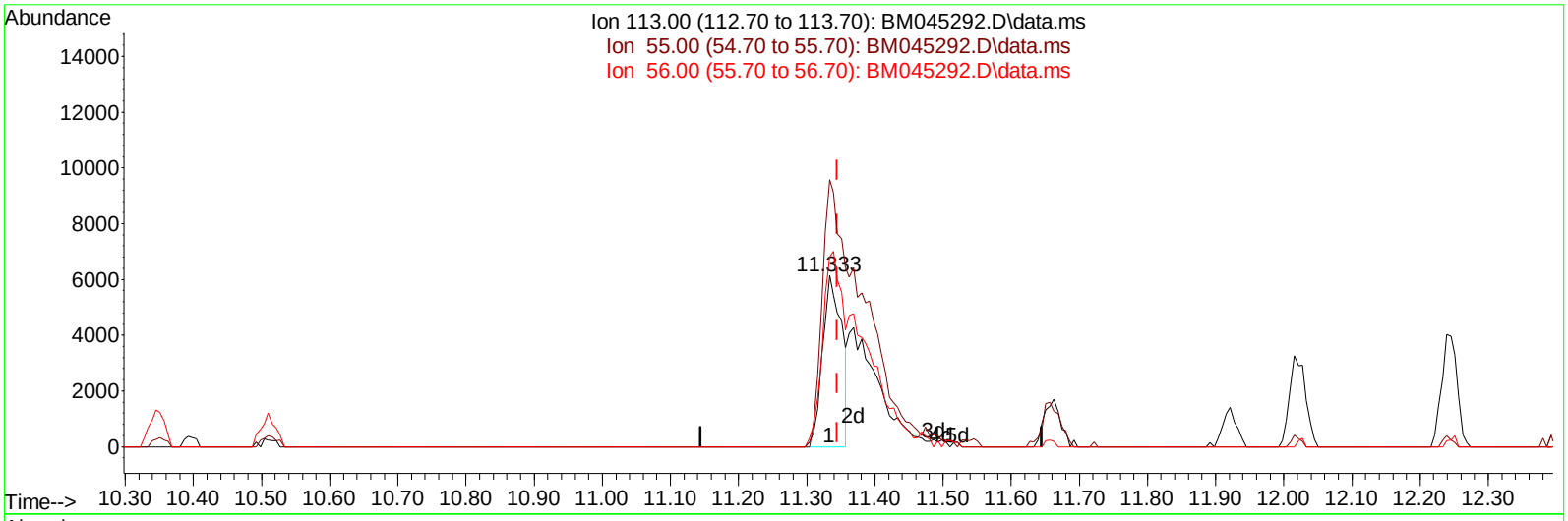
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045292.D
Acq On : 16 Apr 2024 21:55
Operator : MA/JU
Sample : PB160223BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

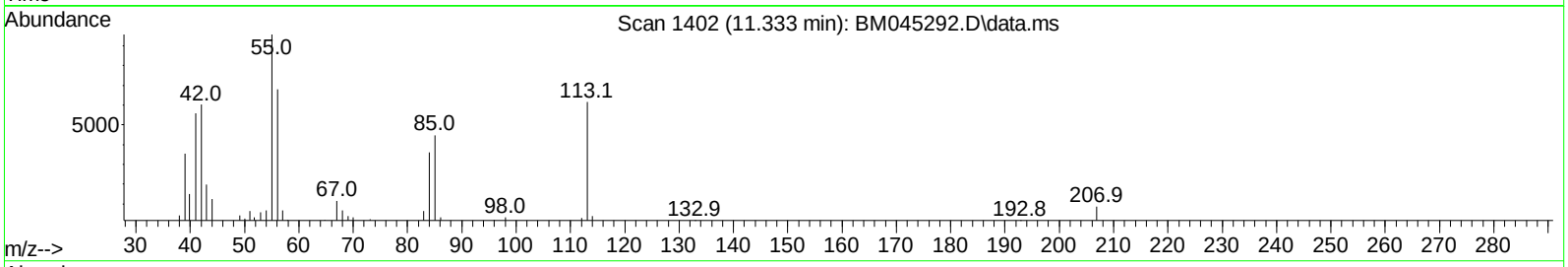
Quant Time: Apr 16 22:25:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 22:24:11 2024
Response via : Initial Calibration

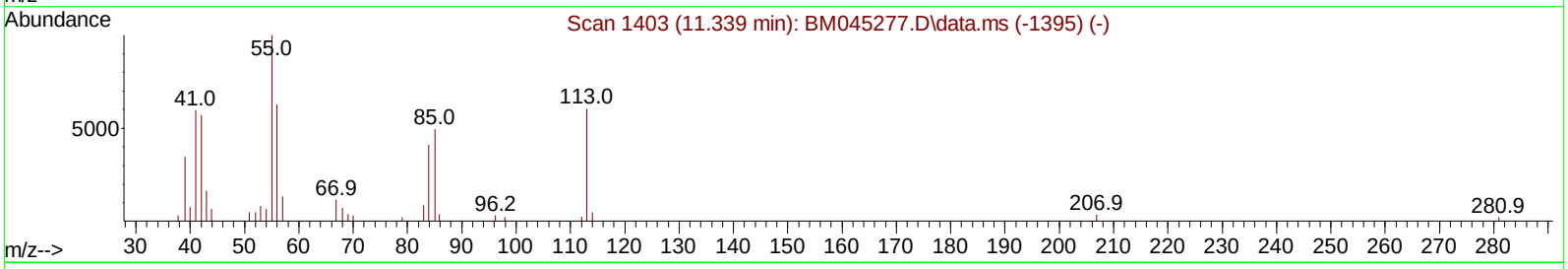
Instrument :
BNA_M
ClientSampleId :
SLCS223

Manual IntegrationsAPPROVED

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







TIC: BM045292.D\data.ms

(34) Caprolactam

11.333min (-0.012) 13.28 ng/ul

response 12046

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	155.83
56.00	114.80	110.68
0.00	0.00	0.00

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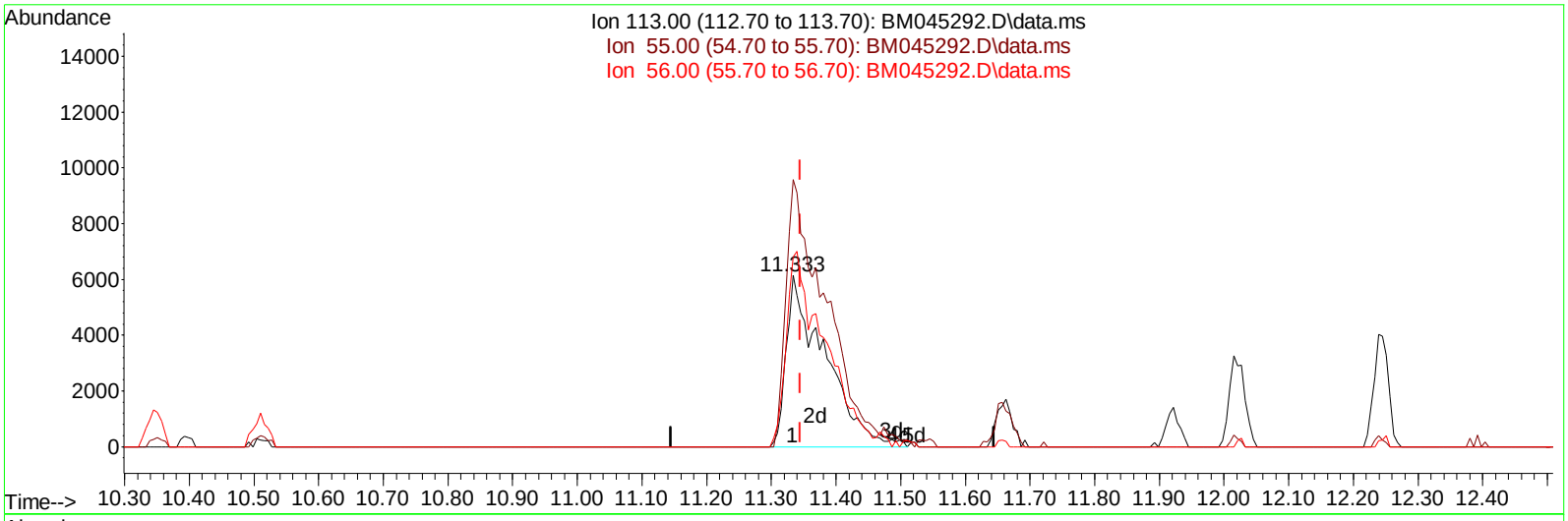

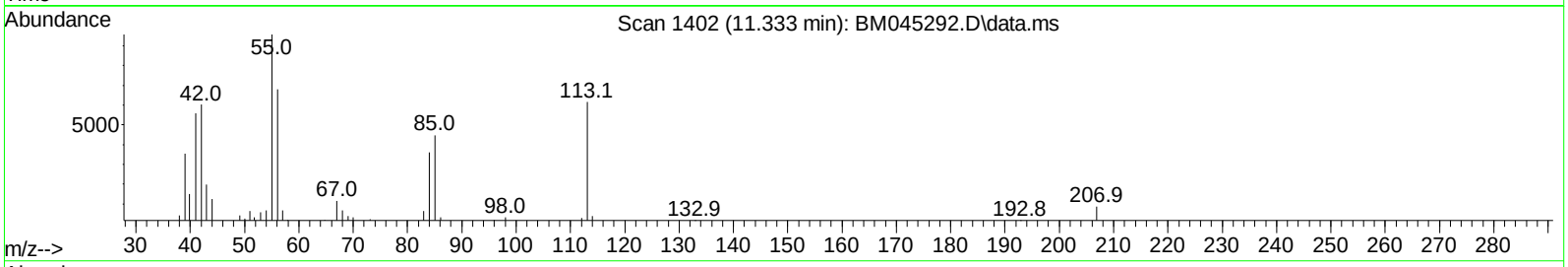

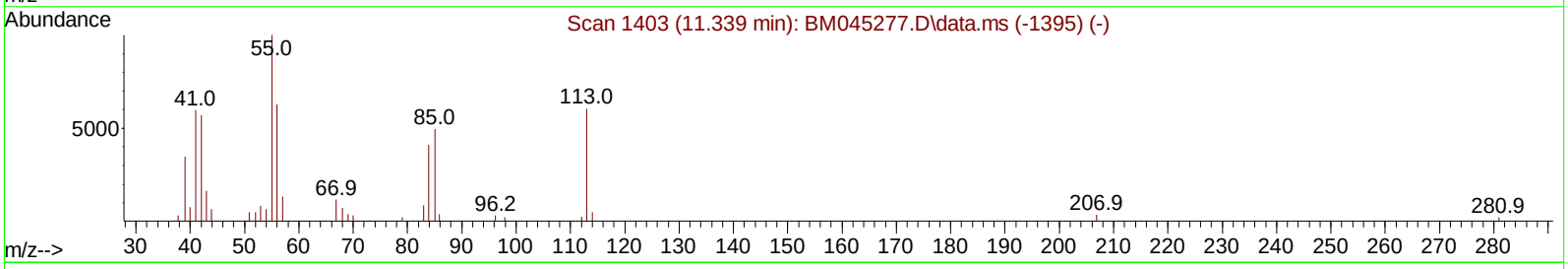

TIC: BM045292.D\data.ms

(34) Caprolactam

11.333min (-0.012) 28.08 ng/ul m

response 25483

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	155.83
56.00	114.80	110.68
0.00	0.00	0.00

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Acq On : 16 Apr 2024 21:55
Operator : MA/JU
Sample : PB160223BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Apr 16 22:50:38 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 :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/17/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	45316	20.000	ng/ul	0.00
20) Naphthalene-d8	10.351	136	178957	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.227	164	109331	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.992	188	211846	20.000	ng/ul	0.00
79) Chrysene-d12	21.203	240	214651	20.000	ng/ul	0.00
88) Perylene-d12	23.403	264	268030	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	7574	6.241	ng/uL	0.00
4) Pyridine-d5	3.569	84	87467	26.505	ng/ul	-0.01
7) Phenol-d5	6.763	99	113700	29.596	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	72568	31.705	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.110	132	98732	32.804	ng/ul	-0.01
15) 4-Methylphenol-d8	8.292	113	93219	31.000	ng/ul	0.00
21) Nitrobenzene-d5	8.739	128	45271	32.934	ng/ul	0.00
24) 2-Nitrophenol-d4	9.451	143	49579	34.171	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.980	165	93836	35.275	ng/ul	0.00
31) 4-Chloroaniline-d4	10.510	131	118113	27.888	ng/ul	-0.01
46) Dimethylphthalate-d6	13.657	166	257605	33.840	ng/ul	0.00
49) Acenaphthylene-d8	13.921	160	299808	33.337	ng/ul	0.00
54) 4-Nitrophenol-d4	14.468	143	43333	27.276	ng/ul	0.00
60) Fluorene-d10	15.233	176	217619	32.066	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.380	200	37406	29.780	ng/ul	0.00
73) Anthracene-d10	17.092	188	329007	34.523	ng/ul	0.00
81) Pyrene-d10	19.397	212	374000	35.385	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.262	264	452120	34.578	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	11924	9.408	ng/uL#	81
5) Pyridine	3.587	79	95255	27.241	ng/ul	95
6) Benzaldehyde	6.751	77	69288	38.907	ng/ul	100
8) Phenol	6.786	94	117764	29.602	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.028	93	94193	30.338	ng/ul	98
12) 2-Chlorophenol	7.145	128	100849	31.933	ng/ul	98
13) 2-Methylphenol	8.022	108	85910	29.257	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.098	45	111833	30.200	ng/ul	95
16) Acetophenone	8.410	105	144003	29.455	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.392	70	72542	31.426	ng/ul	91
18) 4-Methylphenol	8.351	108	95312	30.114	ng/ul	99
19) Hexachloroethane	8.628	117	46120	33.203	ng/ul	94
22) Nitrobenzene	8.780	77	111249	32.987	ng/ul	96
23) Isophorone	9.304	82	200059	32.287	ng/ul#	99
25) 2-Nitrophenol	9.480	139	53554	33.256	ng/ul	95
26) 2,4-Dimethylphenol	9.539	107	89739	28.904	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.786	93	120262	32.739	ng/ul	98
29) 2,4-Dichlorophenol	10.010	162	92422	34.388	ng/ul	97
30) Naphthalene	10.398	128	302719	31.954	ng/ul	98
32) 4-Chloroaniline	10.533	127	109103	26.474	ng/ul	99
33) Hexachlorobutadiene	10.663	225	55618	33.283	ng/ul	92
34) Caprolactam	11.333	113	25483m	28.085	ng/ul	
35) 4-Chloro-3-methylphenol	11.657	107	87803	32.864	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	12.021	142	200711	32.449 ng/ul	98
37) 1-Methylnaphthalene	12.245	142	207711	33.183 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.392	216	102698	34.347 ng/ul	97
40) Hexachlorocyclopentadiene	12.357	237	53182	29.382 ng/ul#	99
41) 2,4,6-Trichlorophenol	12.651	196	66498	34.093 ng/ul	98
42) 2,4,5-Trichlorophenol	12.727	196	72855	33.900 ng/ul	93
43) 1,1'-Biphenyl	13.057	154	261442	33.864 ng/ul	96
44) 2-Chloronaphthalene	13.092	162	202607	32.302 ng/ul	99
45) 2-Nitroaniline	13.327	65	59083	34.124 ng/ul	93
47) Dimethylphthalate	13.704	163	254584	31.996 ng/ul	98
48) 2,6-Dinitrotoluene	13.839	165	48660	31.202 ng/ul#	81
50) Acenaphthylene	13.951	152	330828	31.497 ng/ul	98
51) 3-Nitroaniline	14.168	138	48647	28.597 ng/ul	89
52) Acenaphthene	14.292	153	219294	31.289 ng/ul	99
53) 2,4-Dinitrophenol	14.386	184	24456	26.376 ng/ul	90
55) 4-Nitrophenol	14.480	109	40602	29.059 ng/ul	87
56) Dibenzofuran	14.633	168	299131	31.190 ng/ul	95
57) 2,4-Dinitrotoluene	14.633	165	70070	30.016 ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	14.868	232	58401	31.752 ng/ul	97
59) Diethylphthalate	15.080	149	264614	32.598 ng/ul	99
61) Fluorene	15.286	166	238700	29.530 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.292	204	112956	29.813 ng/ul	98
63) 4-Nitroaniline	15.345	138	47610	30.783 ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.392	198	41029	30.501 ng/ul	98
67) N-Nitrosodiphenylamine	15.509	169	205409	35.943 ng/ul	99
68) 4-Bromophenyl-phenylether	16.186	248	71224	34.521 ng/ul	93
69) Hexachlorobenzene	16.286	284	87300	32.528 ng/ul	92
70) Atrazine	16.480	200	69030	32.838 ng/ul	98
71) Pentachlorophenol	16.645	266	49240	30.203 ng/ul	94
72) Phenanthrene	17.033	178	377251	33.092 ng/ul	98
74) Anthracene	17.127	178	383632	32.897 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.010	216	98586	36.922 ng/uL	97
76) Pentachlorobenzene	14.545	250	98585	34.702 ng/uL	95
77) Carbazole	17.409	167	352592	31.356 ng/ul	99
78) Di-n-butylphthalate	17.980	149	467881	36.896 ng/ul	99
80) Fluoranthene	19.062	202	428461	34.370 ng/ul	98
82) Pyrene	19.427	202	471602	35.057 ng/ul	98
83) Butylbenzylphthalate	20.356	149	209670	37.200 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.133	252	146054	30.602 ng/ul	97
85) Benzo(a)anthracene	21.186	228	463979	31.857 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.133	149	321932	36.541 ng/ul	99
87) Chrysene	21.238	228	442759	32.610 ng/ul	100
89) Di-n-octyl phthalate	22.009	149	582730	34.555 ng/ul	100
90) Benzo(b)fluoranthene	22.744	252	527198	33.748 ng/ul	98
91) Benzo(k)fluoranthene	22.791	252	510217	32.449 ng/ul	99
93) Benzo(a)pyrene	23.309	252	454042	29.864 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.603	276	686919	34.879 ng/ul	98
95) Dibenzo(a,h)anthracene	25.621	278	560867	34.063 ng/ul	99
96) Benzo(g,h,i)perylene	26.279	276	537549	34.599 ng/ul	98

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

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