Quantitation Report (Qedit)

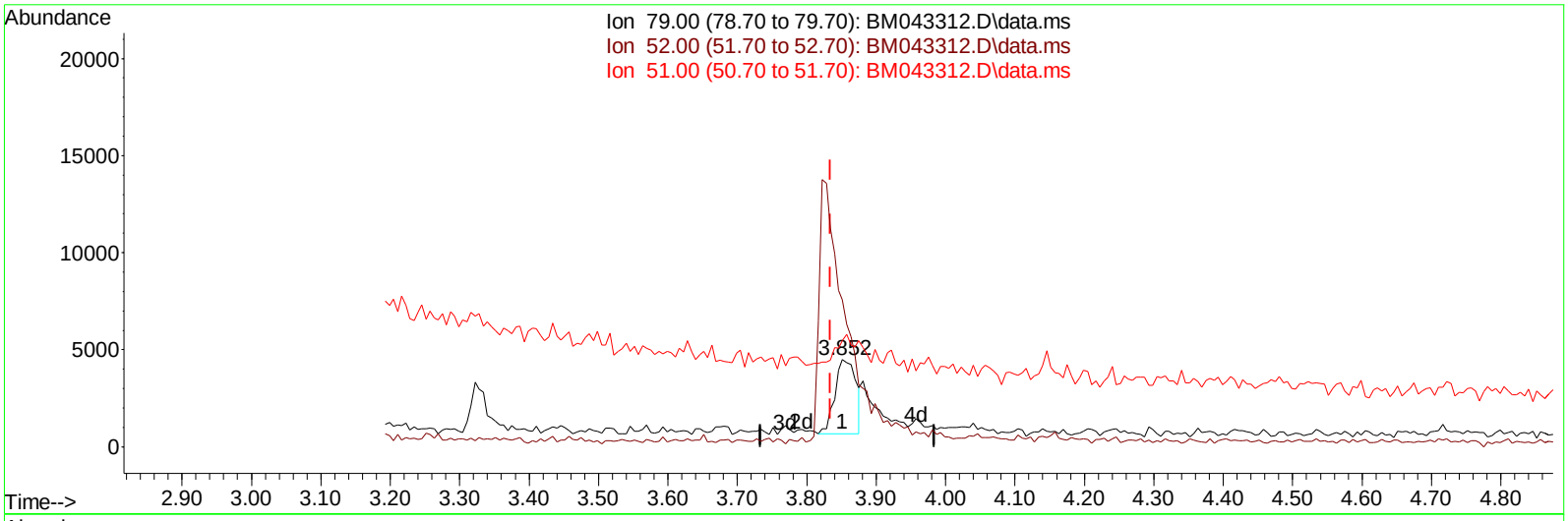
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043312.D
Acq On : 13 Dec 2023 21:37
Operator : MA/JU
Sample : 05690-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

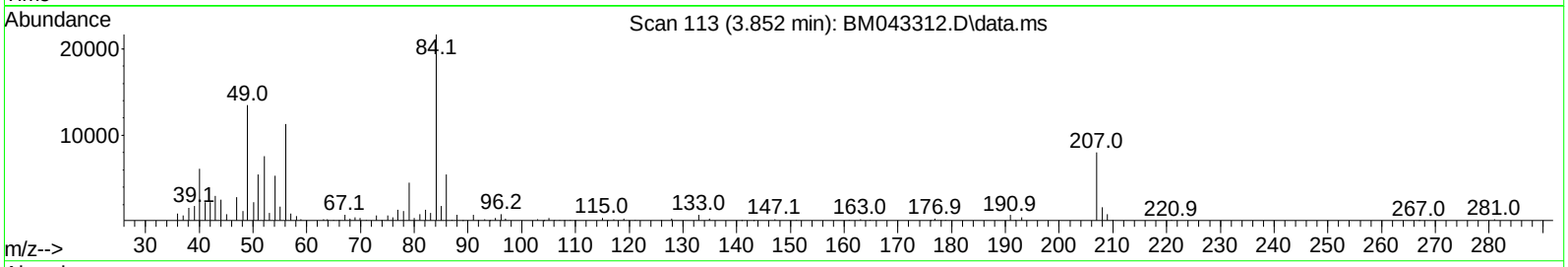
Quant Time: Dec 13 22:34:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
Response via : Initial Calibration

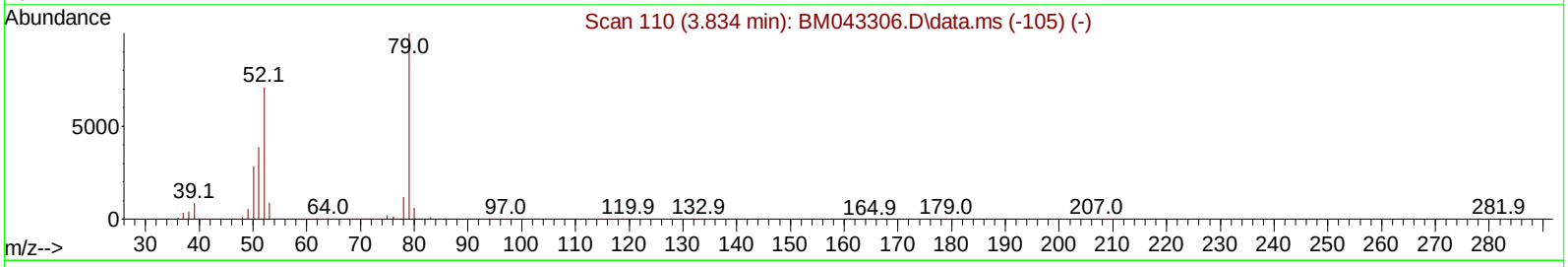
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023







TIC: BM043312.D\data.ms

(5) Pyridine

3.852min (+ 0.018) 0.30 ng/ul

response 8139

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	81.10	168.24#
51.00	38.70	121.61#
0.00	0.00	0.00

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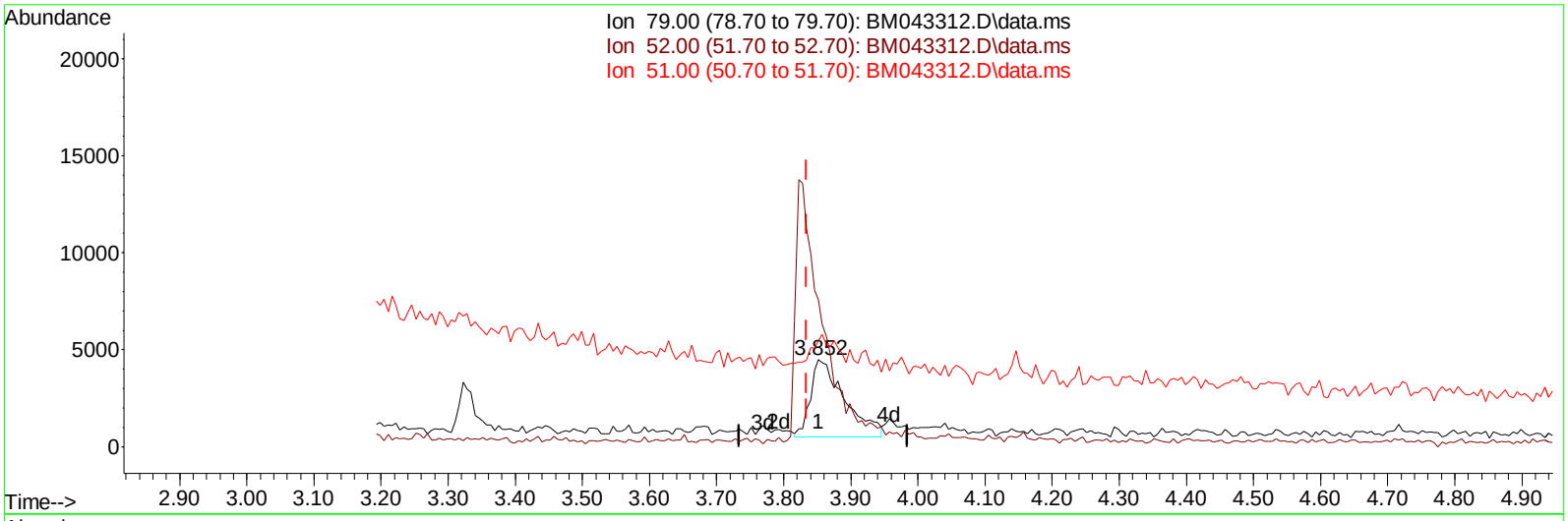

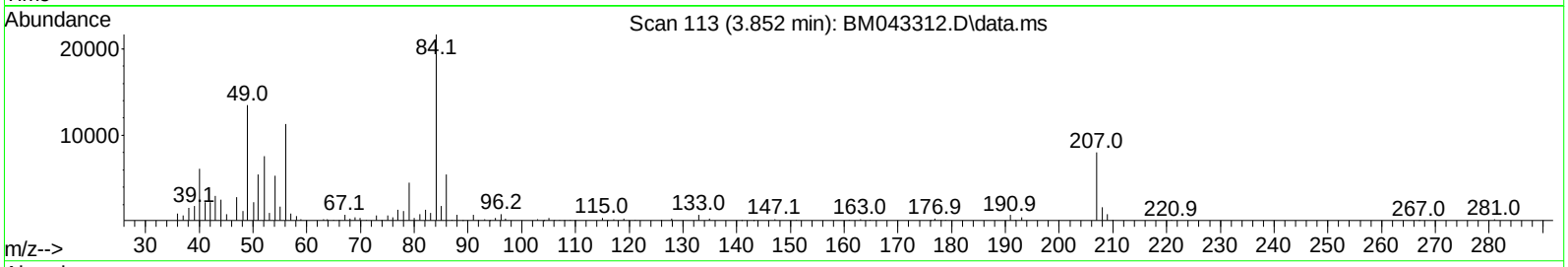

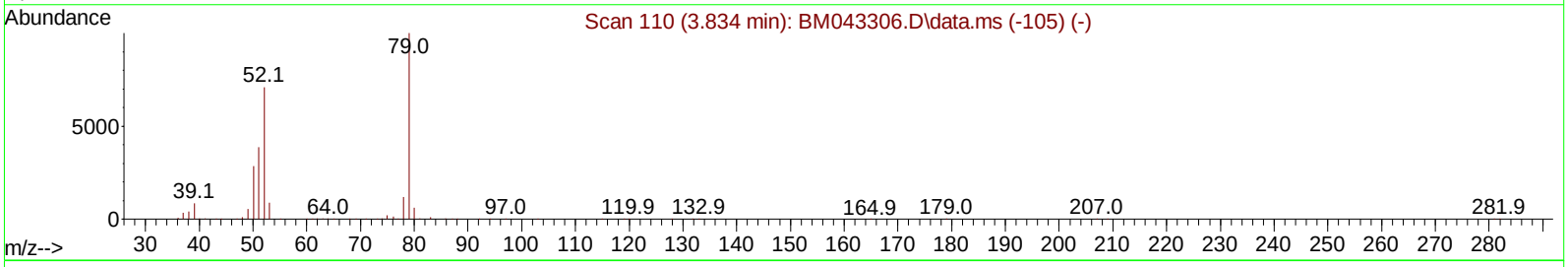

TIC: BM043312.D\data.ms

(5) Pyridine

3.852min (+ 0.018) 0.51 ng/ul m

response 14105

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	81.10	168.24#
51.00	38.70	121.61#
0.00	0.00	0.00

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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	7.998	152	352489	20.000	ng/ul		0.00
20) Naphthalene-d8	10.810	136	1609041	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.627	164	900017	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.368	188	1685048	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.539	240	1092614	20.000	ng/ul	#	0.00
88) Perylene-d12	23.962	264	1020917	20.000	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.399	96	29926	3.332	ng/uL		0.00
4) Pyridine-d5	3.828	84	86125	3.232	ng/ul		0.01
7) Phenol-d5	7.157	99	709013	20.261	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	439906	20.307	ng/ul		0.00
11) 2-Chlorophenol-d4	7.528	132	540779	20.271	ng/ul		0.00
15) 4-Methylphenol-d8	8.710	113	541590	19.562	ng/ul		0.00
21) Nitrobenzene-d5	9.175	128	279516	20.381	ng/ul		0.00
24) 2-Nitrophenol-d4	9.892	143	288854	21.842	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.428	165	553463	18.776	ng/ul		0.00
31) 4-Chloroaniline-d4	10.951	131	506848	11.950	ng/ul		0.00
46) Dimethylphthalate-d6	14.045	166	1579347	20.018	ng/ul		0.00
49) Acenaphthylene-d8	14.321	160	1842817	20.190	ng/ul		0.00
54) 4-Nitrophenol-d4	14.827	143	294412	20.825	ng/ul		0.00
60) Fluorene-d10	15.616	176	1342995	19.528	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	81690	8.808	ng/ul		0.00
73) Anthracene-d10	17.468	188	1957468	21.472	ng/ul		0.00
81) Pyrene-d10	19.751	212	1920847	27.475	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.803	264	1309024	21.974	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	70443	7.141	ng/uL	#	90
5) Pyridine	3.852	79	14105m	0.515	ng/ul		
6) Benzaldehyde	7.145	77	428655	23.799	ng/ul		98
8) Phenol	7.187	94	944206	27.282	ng/ul		100
10) Bis(2-Chloroethyl)ether	7.428	93	627677	22.494	ng/ul		98
12) 2-Chlorophenol	7.557	128	616664	22.785	ng/ul		97
13) 2-Methylphenol	8.445	108	582102	21.751	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.528	45	1095363	23.610	ng/ul		99
16) Acetophenone	8.834	105	1852061	41.622	ng/ul		98
17) N-Nitroso-di-n-propyla...	8.816	70	530653	21.757	ng/ul		99
18) 4-Methylphenol	8.775	108	644580	22.198	ng/ul		98
19) Hexachloroethane	9.075	117	260532	22.710	ng/ul	#	81
22) Nitrobenzene	9.216	77	765115	23.203	ng/ul		99
23) Isophorone	9.739	82	1497952	21.320	ng/ul		99
25) 2-Nitrophenol	9.922	139	344521	23.770	ng/ul		95
26) 2,4-Dimethylphenol	9.981	107	380695	13.396	ng/ul		99
27) Bis(2-Chloroethoxy)met...	10.228	93	903161	21.863	ng/ul		100
29) 2,4-Dichlorophenol	10.451	162	590327	20.634	ng/ul		97
30) Naphthalene	10.857	128	2266169	22.946	ng/ul		100
32) 4-Chloroaniline	10.975	127	514632	12.864	ng/ul		99
33) Hexachlorobutadiene	11.128	225	304028	17.054	ng/ul		99
34) Caprolactam	11.751	113	217371	25.553	ng/ul		92
35) 4-Chloro-3-methylphenol	12.086	107	679177	22.608	ng/ul		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.463	142	1542648	21.711	ng/ul	99
37) 1-Methylnaphthalene	12.680	142	1508712	20.919	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	607962	19.966	ng/ul#	97
40) Hexachlorocyclopentadiene	12.792	237	150968	8.738	ng/ul	97
41) 2,4,6-Trichlorophenol	13.069	196	434155	22.913	ng/ul	98
42) 2,4,5-Trichlorophenol	13.133	196	477182	23.139	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	1884006	23.663	ng/ul#	98
44) 2-Chloronaphthalene	13.510	162	1439576	23.326	ng/ul	97
45) 2-Nitroaniline	13.716	65	482753	29.601	ng/ul	92
47) Dimethylphthalate	14.092	163	1708460	22.079	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	350152	24.560	ng/ul	93
50) Acenaphthylene	14.351	152	2461180	23.858	ng/ul	99
51) 3-Nitroaniline	14.539	138	360344	22.783	ng/ul	93
52) Acenaphthene	14.692	153	1992610	29.283	ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	53193	8.127	ng/ul#	77
55) 4-Nitrophenol	14.839	109	270485	26.460	ng/ul	93
56) Dibenzofuran	15.027	168	2364737	25.441	ng/ul	94
57) 2,4-Dinitrotoluene	14.998	165	509959	25.052	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.245	232	362435	21.144	ng/ul#	86
59) Diethylphthalate	15.451	149	1893693	24.330	ng/ul	97
61) Fluorene	15.674	166	2195724	27.289	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	789075	19.850	ng/ul#	89
63) 4-Nitroaniline	15.698	138	396260	24.935	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	102999	10.157	ng/ul#	79
67) N-Nitrosodiphenylamine	15.886	169	1470579	26.025	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	464787	22.810	ng/ul#	88
69) Hexachlorobenzene	16.663	284	543753	22.490	ng/ul#	89
70) Atrazine	16.839	200	338637	21.251	ng/ul	96
71) Pentachlorophenol	17.010	266	292122	20.519	ng/ul	98
72) Phenanthrene	17.410	178	4788083	45.568	ng/ul	99
74) Anthracene	17.504	178	5823528	55.019	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	617428	23.161	ng/uL	99
76) Pentachlorobenzene	14.939	250	610900	22.550	ng/uL	97
77) Carbazole	17.774	167	2747693	31.602	ng/ul	98
78) Di-n-butylphthalate	18.345	149	3526429	31.182	ng/ul	100
80) Fluoranthene	19.421	202	8508036	106.090	ng/ul#	95
82) Pyrene	19.786	202	7596935	91.066	ng/ul	96
83) Butylbenzylphthalate	20.686	149	1411484	42.535	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.462	252	378219	14.565	ng/ul#	96
85) Benzo(a)anthracene	21.527	228	3185774	38.029	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	2084693	39.797	ng/ul#	97
87) Chrysene	21.580	228	3134158	41.889	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	3167985	45.113	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3002431	41.219	ng/ul#	96
91) Benzo(k)fluoranthene	23.274	252	2313856	31.894	ng/ul#	96
93) Benzo(a)pyrene	23.856	252	2113864	31.396	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.491	276	2379745	31.030	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.515	278	1761762	27.473	ng/ul#	94
96) Benzo(g,h,i)perylene	27.268	276	1020012	17.653	ng/ul#	92

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

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