Quantitation Report (Qedit)

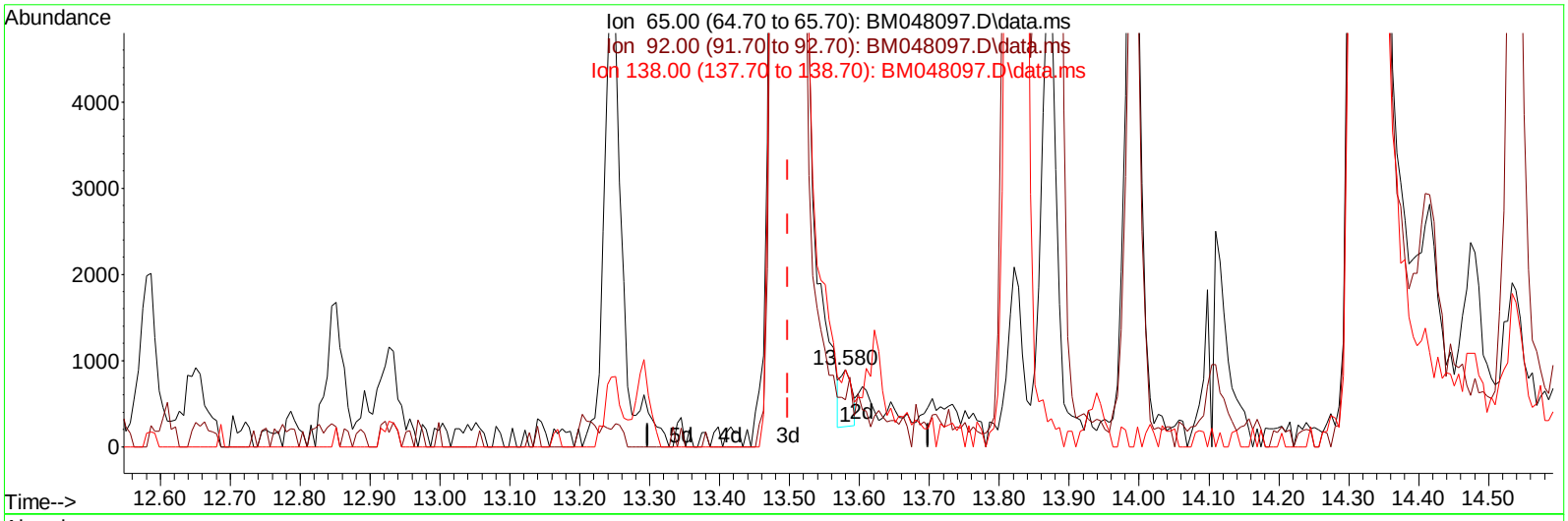
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048097.D
Acq On : 16 Oct 2024 21:08
Operator : RC/JU
Sample : P4329-20MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

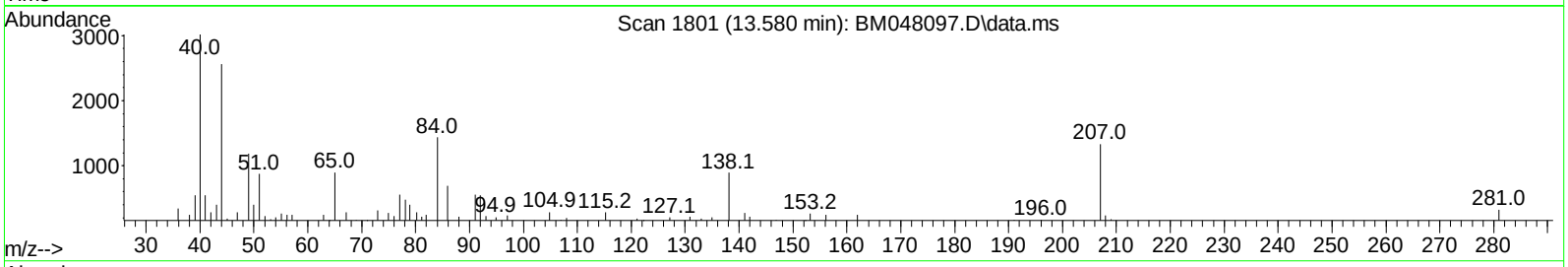
Quant Time: Oct 16 23:05:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

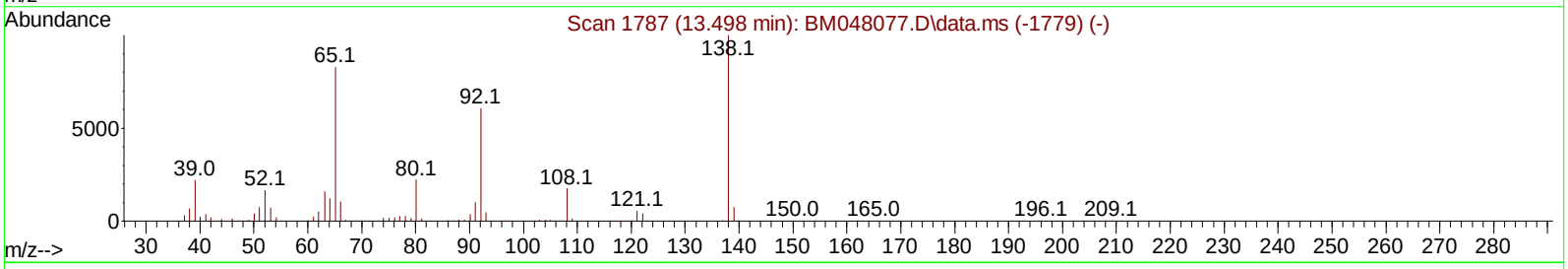
Instrument :
BNA_M
ClientSampleId :
A4FB7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BM048097.D\data.ms

(45) 2-Nitroaniline

13.580min (+ 0.082) 0.05 ng/ul

response 743

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.40	60.71
138.00	84.50	99.55
0.00	0.00	0.00

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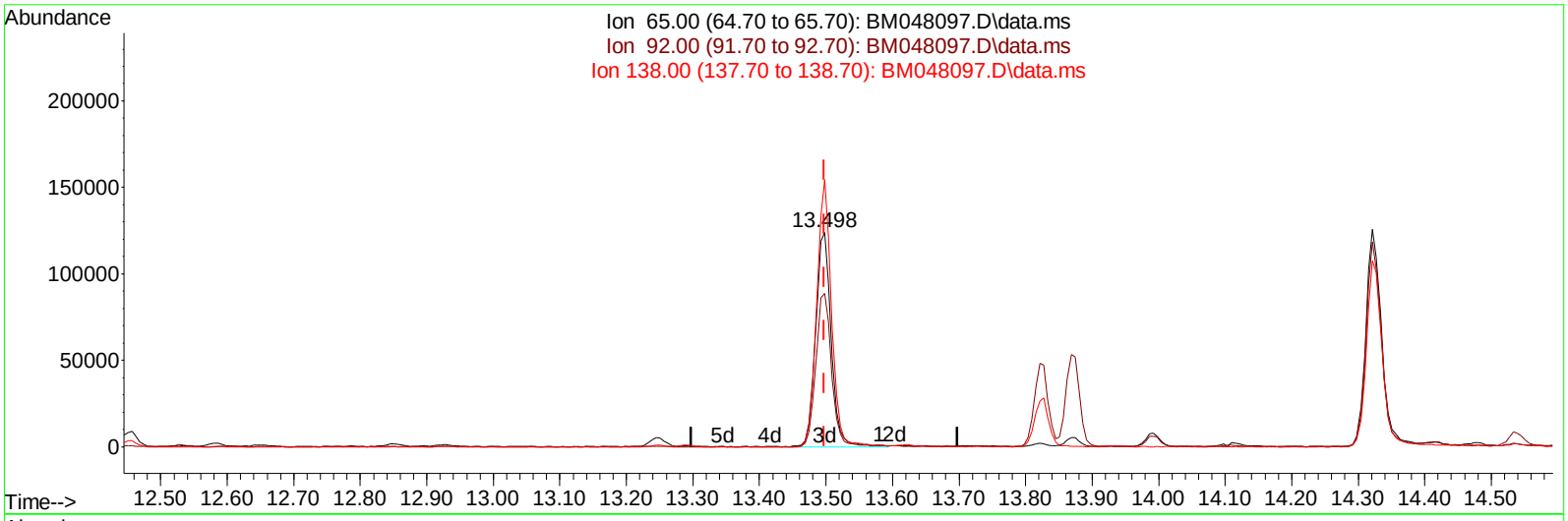

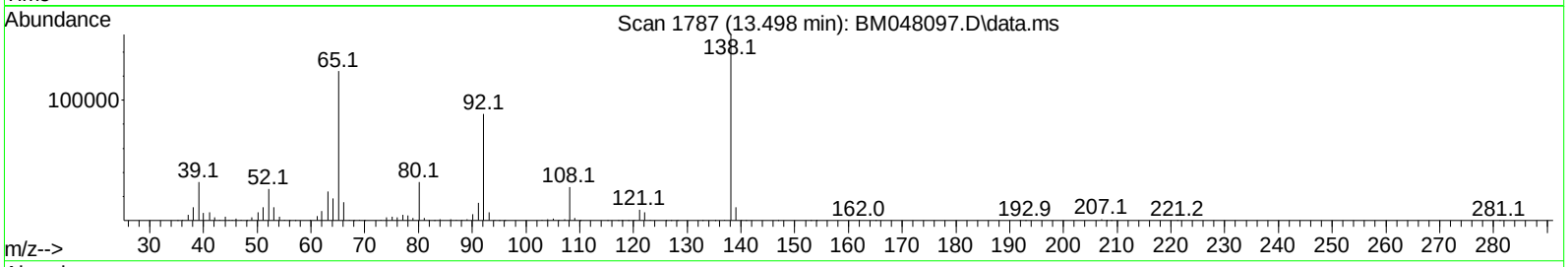

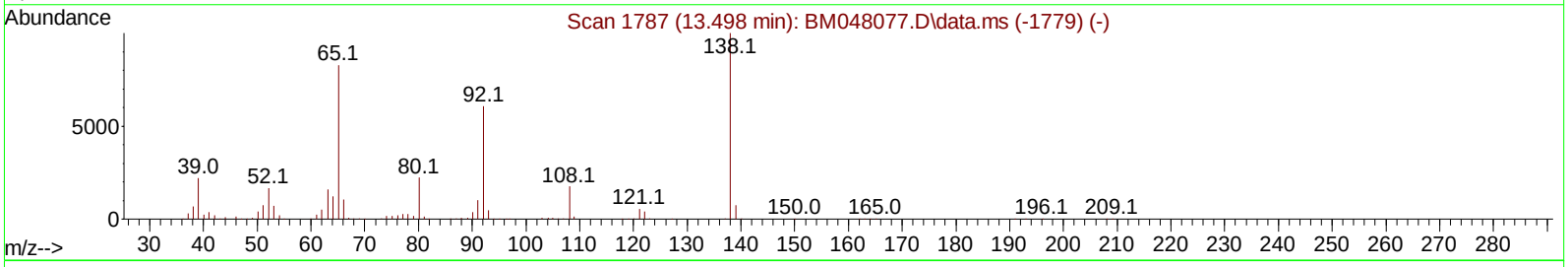

TIC: BM048097.D\data.ms

(45) 2-Nitroaniline

13.498min (+ 0.000) 14.37 ng/ul m

response 203450

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.40	71.39
138.00	84.50	124.55#
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	7.781	152	281329	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	1171649	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.416	164	720293	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1399008	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1175019	20.000	ng/ul	0.00
88) Perylene-d12	24.380	264	1325012	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	18510	2.126	ng/uL	0.00
4) Pyridine-d5	3.663	84	46197	1.812	ng/ul	0.00
7) Phenol-d5	6.957	99	330475	12.423	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	201475	10.673	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	291120	15.041	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	208877	10.561	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	140940	15.108	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	156251	17.478	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	280887	15.729	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	241650	8.753	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	799918	15.318	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	900158	14.538	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	125728	12.092	ng/ul	0.01
60) Fluorene-d10	15.410	176	690809	15.272	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	70384	8.597	ng/ul	0.00
73) Anthracene-d10	17.257	188	1028668	14.954	ng/ul	0.00
81) Pyrene-d10	19.545	212	844170	12.658	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.174	264	498409	7.250	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	45922	4.829	ng/uL	85
5) Pyridine	3.687	79	32384	1.207	ng/ul#	88
6) Benzaldehyde	6.922	77	201879	13.954	ng/ul	87
8) Phenol	6.981	94	420680	14.862	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.198	93	324665	14.395	ng/ul	90
12) 2-Chlorophenol	7.345	128	347989	16.971	ng/ul	91
13) 2-Methylphenol	8.228	108	257179	13.030	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.298	45	467747	11.016	ng/ul#	94
16) Acetophenone	8.598	105	559983	16.546	ng/ul#	86
17) N-Nitroso-di-n-propyla...	8.581	70	241811	13.490	ng/ul#	84
18) 4-Methylphenol	8.557	108	290209	13.084	ng/ul	98
19) Hexachloroethane	8.857	117	78116	8.476	ng/ul	84
22) Nitrobenzene	8.975	77	361966	13.659	ng/ul#	89
23) Isophorone	9.504	82	693493	14.629	ng/ul#	93
25) 2-Nitrophenol	9.686	139	194853	19.052	ng/ul#	84
26) 2,4-Dimethylphenol	9.751	107	58092	2.651	ng/ul	91
27) Bis(2-Chloroethoxy)met...	9.981	93	426122	14.697	ng/ul	97
29) 2,4-Dichlorophenol	10.228	162	321824	17.452	ng/ul	96
30) Naphthalene	10.622	128	1090804	16.185	ng/ul	99
32) 4-Chloroaniline	10.733	127	251997	9.270	ng/ul	100
33) Hexachlorobutadiene	10.904	225	212438	17.436	ng/ul	97
34) Caprolactam	11.510	113	104903	17.788	ng/ul#	63
35) 4-Chloro-3-methylphenol	11.869	107	286317	14.999	ng/ul	94

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.233	142	735391	17.173 ng/ul	99
37) 1-Methylnaphthalene	12.457	142	734581	16.861 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	358817	15.303 ng/ul	96
40) Hexachlorocyclopentadiene	12.586	237	70906	5.000 ng/ul#	98
41) 2,4,6-Trichlorophenol	12.851	196	253246	18.667 ng/ul	100
42) 2,4,5-Trichlorophenol	12.927	196	275953	18.601 ng/ul	97
43) 1,1'-Biphenyl	13.245	154	947516	16.430 ng/ul	97
44) 2-Chloronaphthalene	13.292	162	739617	16.582 ng/ul	96
45) 2-Nitroaniline	13.498	65	203450m	14.369 ng/ul	
47) Dimethylphthalate	13.874	163	922302	17.439 ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	186595	20.090 ng/ul#	79
50) Acenaphthylene	14.139	152	1154356	16.532 ng/ul	98
51) 3-Nitroaniline	14.321	138	176077	15.663 ng/ul	86
52) Acenaphthene	14.480	153	798682	16.181 ng/ul	99
53) 2,4-Dinitrophenol	14.539	184	50680	8.830 ng/ul#	71
55) 4-Nitrophenol	14.645	109	115585	13.240 ng/ul	84
56) Dibenzofuran	14.816	168	1127227	16.965 ng/ul	95
57) 2,4-Dinitrotoluene	14.786	165	269033	19.285 ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.045	232	230759	19.733 ng/ul#	95
59) Diethylphthalate	15.233	149	945650	17.871 ng/ul	98
61) Fluorene	15.463	166	908279	16.385 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	447047	17.067 ng/ul	94
63) 4-Nitroaniline	15.486	138	195260	17.885 ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.551	198	94932	10.465 ng/ul#	84
67) N-Nitrosodiphenylamine	15.668	169	757301	17.371 ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	281874	19.546 ng/ul	95
69) Hexachlorobenzene	16.468	284	192803	11.489 ng/ul	93
70) Atrazine	16.621	200	195205	13.451 ng/ul	98
71) Pentachlorophenol	16.815	266	175783	16.473 ng/ul	100
72) Phenanthrene	17.198	178	1443667	17.597 ng/ul	99
74) Anthracene	17.292	178	1391906	16.634 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	326823	14.109 ng/uL	98
76) Pentachlorobenzene	14.739	250	299510	13.247 ng/uL	99
77) Carbazole	17.562	167	959601	12.652 ng/ul	98
78) Di-n-butylphthalate	18.121	149	1743749	20.650 ng/ul#	98
80) Fluoranthene	19.215	202	1709731	21.768 ng/ul	99
82) Pyrene	19.574	202	1095850	12.536 ng/ul	97
83) Butylbenzylphthalate	20.468	149	788746	25.522 ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.292	252	348507	14.037 ng/ul	99
85) Benzo(a)anthracene	21.368	228	1648395	20.036 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	1140866	24.588 ng/ul#	97
87) Chrysene	21.427	228	1529798	19.074 ng/ul	99
89) Di-n-octyl phthalate	22.409	149	1974181	23.099 ng/ul	100
90) Benzo(b)fluoranthene	23.433	252	1568459	18.981 ng/ul	99
91) Benzo(k)fluoranthene	23.497	252	1585233	18.762 ng/ul	99
93) Benzo(a)pyrene	24.238	252	486628	6.201 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.768	276	1063249	10.572 ng/ul	96
95) Dibenzo(a,h)anthracene	27.809	278	1525419	18.508 ng/ul	99
96) Benzo(g,h,i)perylene	28.803	276	89927	1.141 ng/ul	95

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

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