Quantitation Report (Qedit)

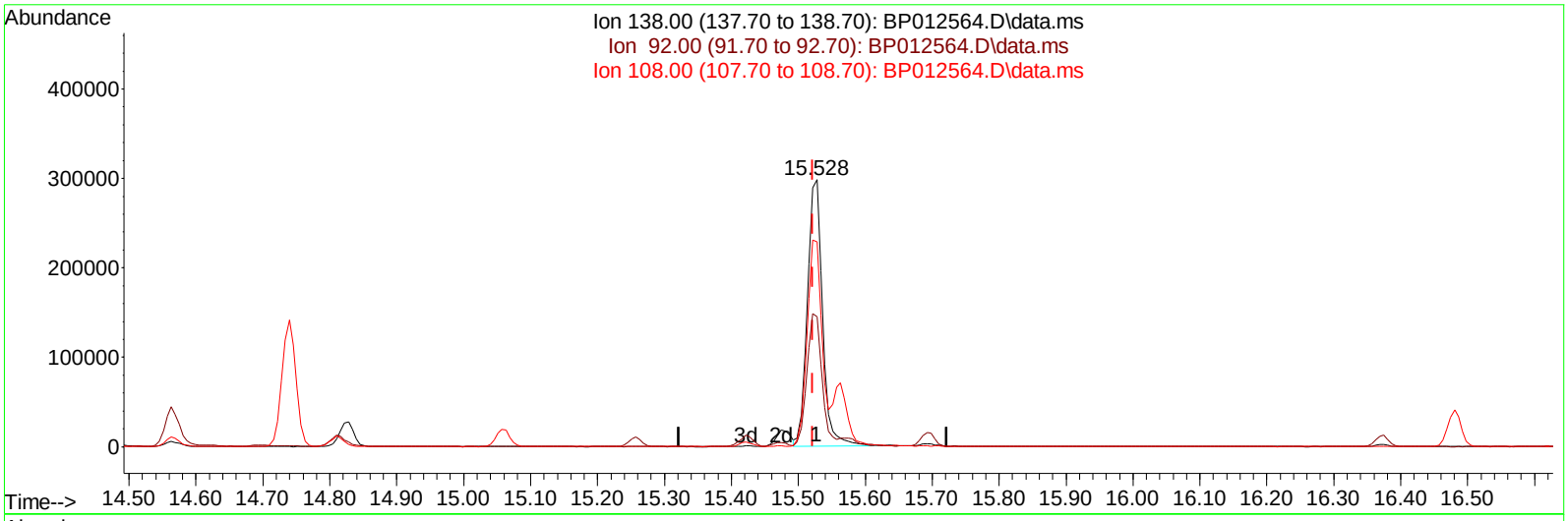
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110822\
Data File : BP012564.D
Acq On : 08 Nov 2022 22:41
Operator : CG/JU
Sample : N5407-15MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

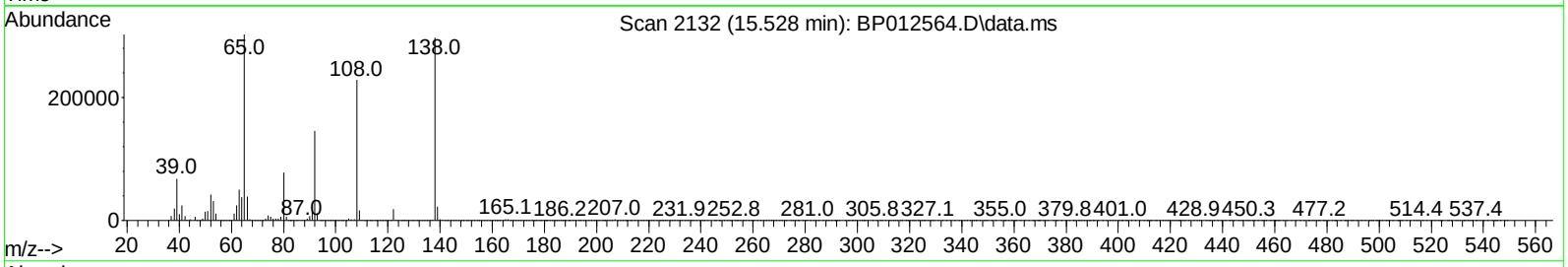
Quant Time: Nov 09 00:38:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 08 22:40:23 2022
Response via : Initial Calibration

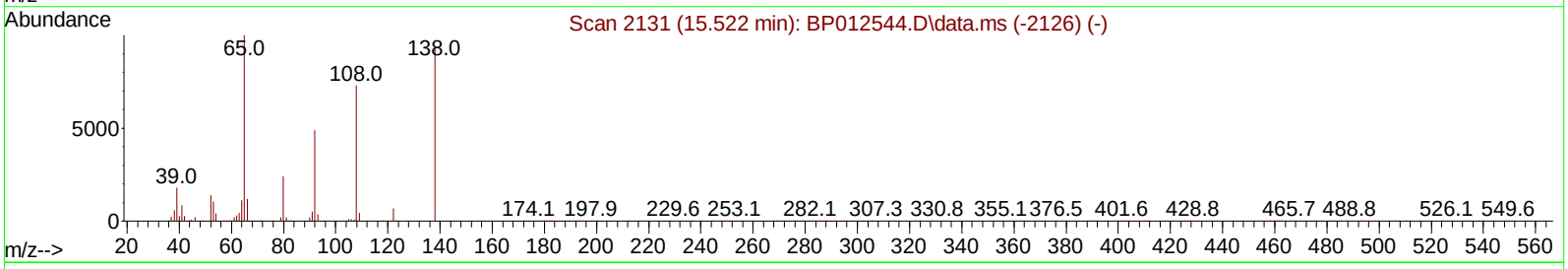
Instrument :
BNA_P
ClientSampleId :
EW4Z2MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/09/2022
Supervised By :mohammad ahmed 11/14/2022







TIC: BP012564.D\data.ms

(63) 4-Nitroaniline

15.528min (+ 0.006) 40.05 ng/ul

response 467662

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.80	48.79
108.00	70.80	76.65
0.00	0.00	0.00

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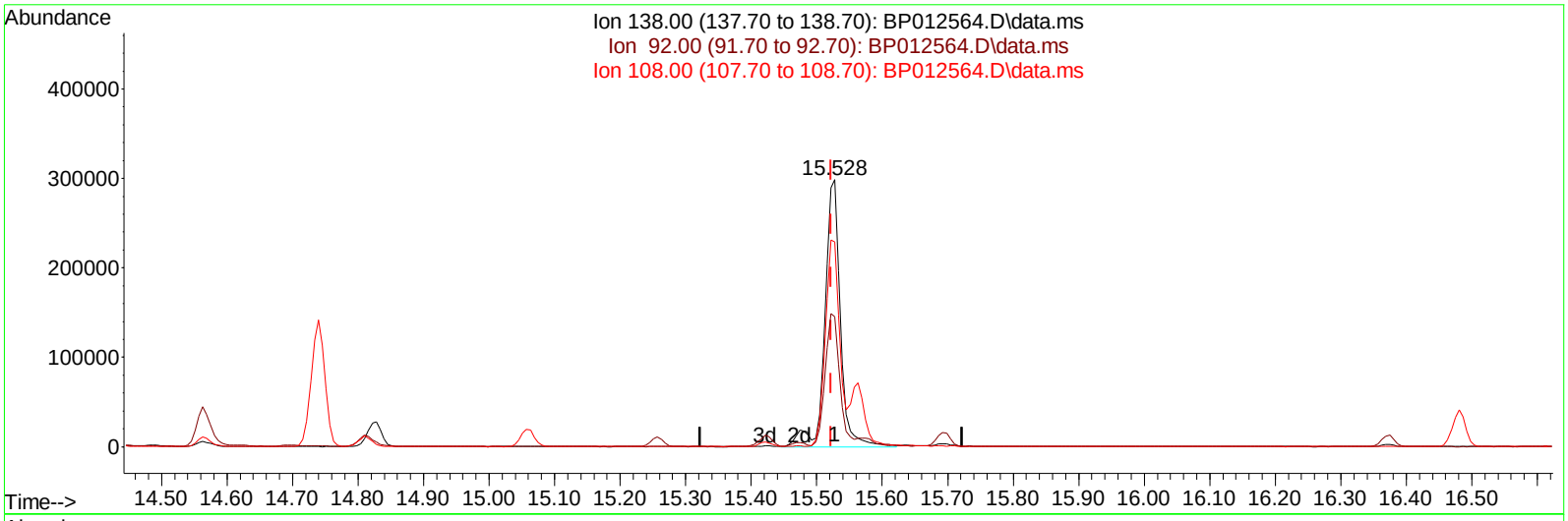

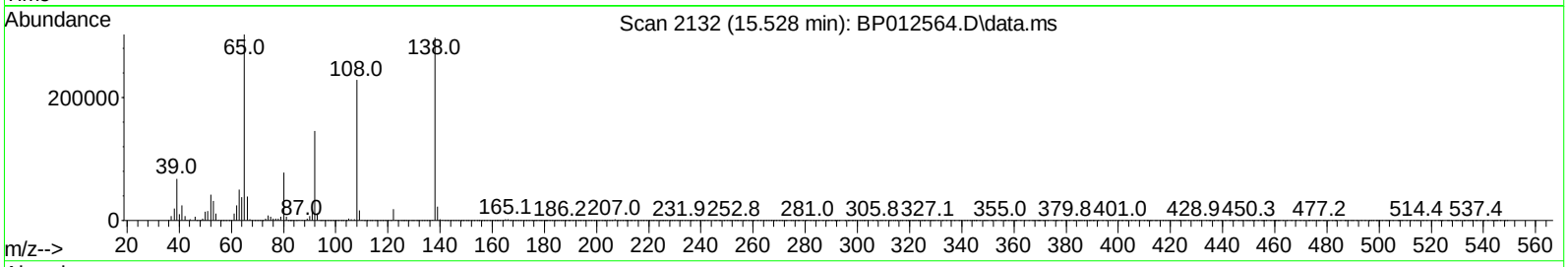

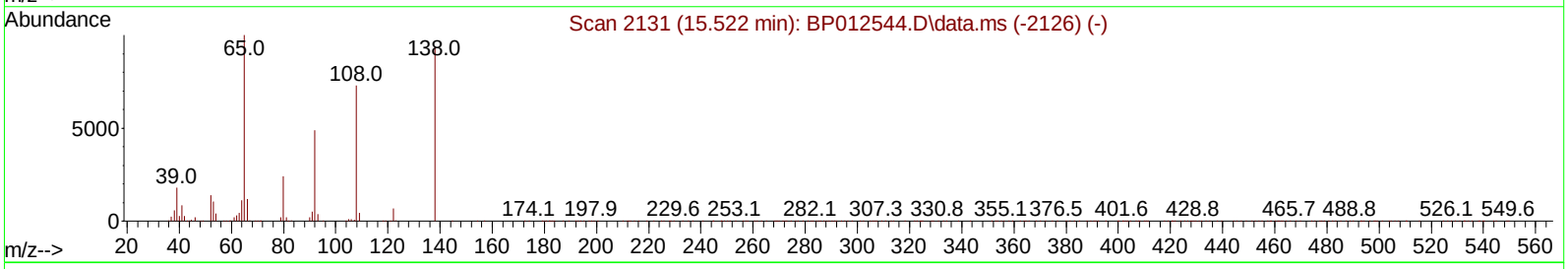

TIC: BP012564.D\data.ms

(63) 4-Nitroaniline

15.528min (+ 0.006) 43.12 ng/ul m

response 503444

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.80	48.79
108.00	70.80	76.65
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	260317	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	1293288	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	881318	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1913628	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	1766949	20.000	ng/ul	0.00
88) Perylene-d12	23.662	264	1644905	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	26408	4.085	ng/uL	0.00
4) Pyridine-d5	3.652	84	146807	7.905	ng/ul	0.00
7) Phenol-d5	6.963	99	178749	7.656	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	432552	31.033	ng/ul	0.00
11) 2-Chlorophenol-d4	7.305	132	446379	26.180	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	340655	18.447	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	320458	38.210	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	340064	39.066	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	605105	32.076	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	691150	24.606	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	2379834	39.446	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	2475838	35.910	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	83344	7.299	ng/ul	0.00
60) Fluorene-d10	15.422	176	1971472	38.167	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	424143	42.571	ng/ul	0.00
73) Anthracene-d10	17.286	188	3158835	38.310	ng/ul	0.00
81) Pyrene-d10	19.533	212	3718843	41.920	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.510	264	3311433	41.201	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	30626	4.456	ng/uL	93
5) Pyridine	3.669	79	150427	8.242	ng/ul	92
6) Benzaldehyde	6.922	77	411949	37.410	ng/ul	98
8) Phenol	6.987	94	186184	7.669	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.205	93	584389	29.993	ng/ul	99
12) 2-Chlorophenol	7.340	128	452316	24.369	ng/ul	99
13) 2-Methylphenol	8.234	108	366620	19.637	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.304	45	763642	29.225	ng/ul	99
16) Acetophenone	8.604	105	966987	33.715	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.587	70	480940	34.831	ng/ul	99
18) 4-Methylphenol	8.563	108	366381	17.955	ng/ul	99
19) Hexachloroethane	8.840	117	173499	24.304	ng/ul	93
22) Nitrobenzene	8.981	77	713486	32.607	ng/ul	99
23) Isophorone	9.510	82	1465107	31.997	ng/ul	99
25) 2-Nitrophenol	9.693	139	358586	34.355	ng/ul	97
26) 2,4-Dimethylphenol	9.757	107	505314	22.048	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.993	93	887338	30.283	ng/ul	99
29) 2,4-Dichlorophenol	10.234	162	583801	29.810	ng/ul	99
30) Naphthalene	10.616	128	1915921	27.952	ng/ul	100
32) 4-Chloroaniline	10.746	127	681652	23.585	ng/ul	99
33) Hexachlorobutadiene	10.893	225	307830	25.265	ng/ul	99
34) Caprolactam	11.563	113	34413	5.164	ng/ul	98
35) 4-Chloro-3-methylphenol	11.887	107	667356	31.013	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.234	142	1405918	29.919	ng/ul	98
37) 1-Methylnaphthalene	12.457	142	1435549	30.590	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	767269	29.639	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	185969	15.528	ng/ul	98
41) 2,4,6-Trichlorophenol	12.857	196	575531	34.781	ng/ul	99
42) 2,4,5-Trichlorophenol	12.940	196	640403	35.484	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	2002275	30.897	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	1577240	30.972	ng/ul	99
45) 2-Nitroaniline	13.522	65	543043	46.010	ng/ul	99
47) Dimethylphthalate	13.892	163	2337481	36.773	ng/ul	100
48) 2,6-Dinitrotoluene	14.022	165	511293	48.444	ng/ul	99
50) Acenaphthylene	14.145	152	2539188	32.840	ng/ul	99
51) 3-Nitroaniline	14.351	138	474169	36.691	ng/ul	99
52) Acenaphthene	14.486	153	1789835	32.939	ng/ul	100
53) 2,4-Dinitrophenol	14.563	184	268832	37.717	ng/ul	95
55) 4-Nitrophenol	14.698	109	64817	7.502	ng/ul	95
56) Dibenzofuran	14.828	168	2527060	34.066	ng/ul	97
57) 2,4-Dinitrotoluene	14.810	165	716921	45.098	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.057	232	591617	38.622	ng/ul	97
59) Diethylphthalate	15.257	149	2389151	38.628	ng/ul	99
61) Fluorene	15.481	166	2062052	34.985	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.475	204	1025667	35.476	ng/ul	97
63) 4-Nitroaniline	15.528	138	503444m	43.119	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.575	198	419282	39.497	ng/ul	98
67) N-Nitrosodiphenylamine	15.692	169	1881995	34.918	ng/ul	99
68) 4-Bromophenyl-phenylether	16.375	248	739246	38.460	ng/ul	99
69) Hexachlorobenzene	16.480	284	882191	38.267	ng/ul	99
70) Atrazine	16.663	200	729497	39.072	ng/ul	99
71) Pentachlorophenol	16.839	266	493709	34.871	ng/ul	99
72) Phenanthrene	17.233	178	3626843	35.875	ng/ul	99
74) Anthracene	17.322	178	3536705	35.215	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	809294	29.564	ng/uL	98
76) Pentachlorobenzene	14.739	250	908262	31.420	ng/uL	99
77) Carbazole	17.604	167	3356617	37.525	ng/ul	99
78) Di-n-butylphthalate	18.145	149	4276541	41.153	ng/ul	100
80) Fluoranthene	19.204	202	4338973	39.614	ng/ul	97
82) Pyrene	19.557	202	4390580	38.701	ng/ul	97
83) Butylbenzylphthalate	20.433	149	2049836	48.463	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.210	252	1097033	28.581	ng/ul	99
85) Benzo(a)anthracene	21.274	228	4156200	36.870	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	2963372	45.819	ng/ul	99
87) Chrysene	21.321	228	3900354	37.011	ng/ul	100
89) Di-n-octyl phthalate	22.104	149	5032679	51.294	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	4104205	39.403	ng/ul	99
91) Benzo(k)fluoranthene	22.986	252	3989862	40.193	ng/ul	98
93) Benzo(a)pyrene	23.562	252	3444576	37.869	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.133	276	4114324	36.300	ng/ul	96
95) Dibenzo(a,h)anthracene	26.151	278	3648790	35.953	ng/ul	98
96) Benzo(g,h,i)perylene	26.898	276	3558036	35.511	ng/ul	96

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

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