Quantitation Report (Qedit)

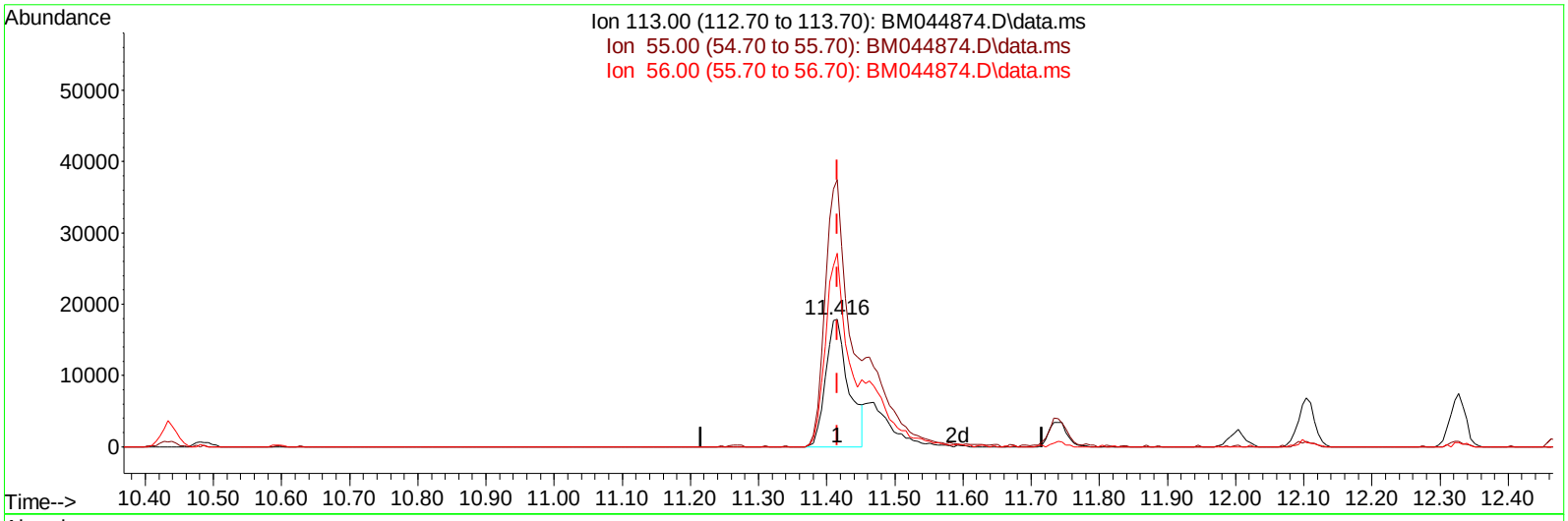
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040124\
Data File : BM044874.D
Acq On : 01 Apr 2024 20:30
Operator : MA/JU
Sample : PB159928BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

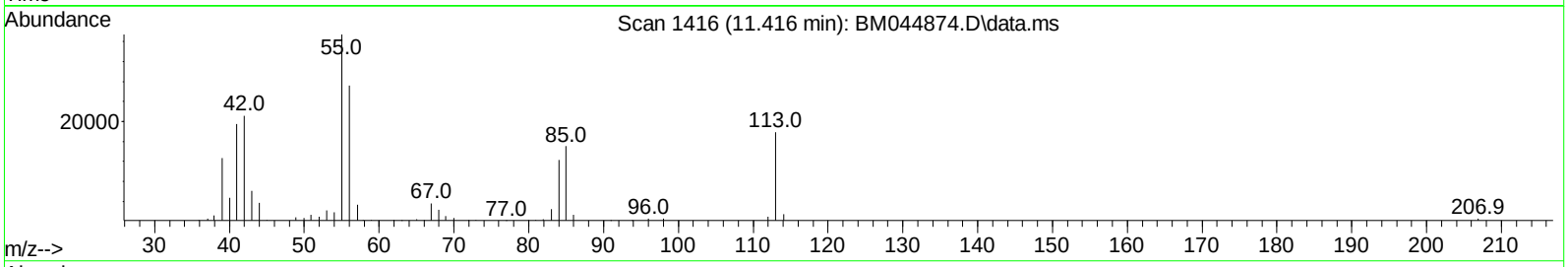
Quant Time: Apr 01 22:13:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 13:54:26 2024
Response via : Initial Calibration

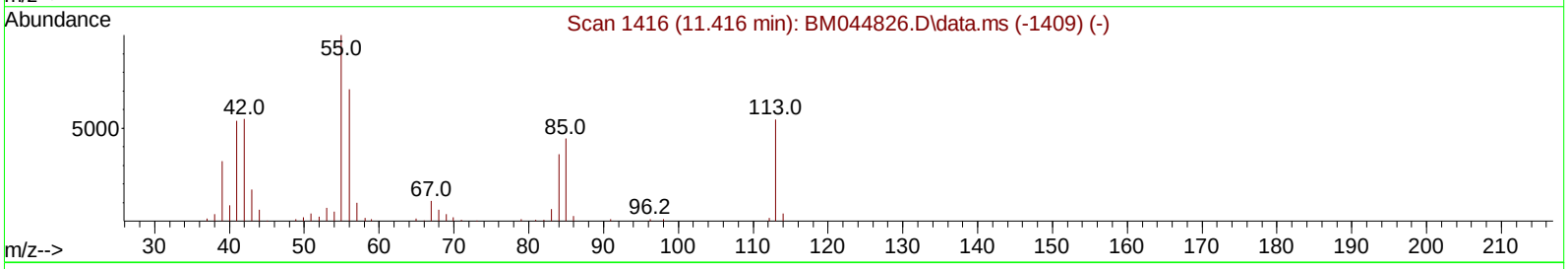
Instrument :
BNA_M
ClientSampleId :
SLCS928

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024







TIC: BM044874.D\data.ms

(34) Caprolactam

11.416min (-0.000) 20.73 ng/ul

response 41677

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	209.68#
56.00	127.70	152.11
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
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Misc :
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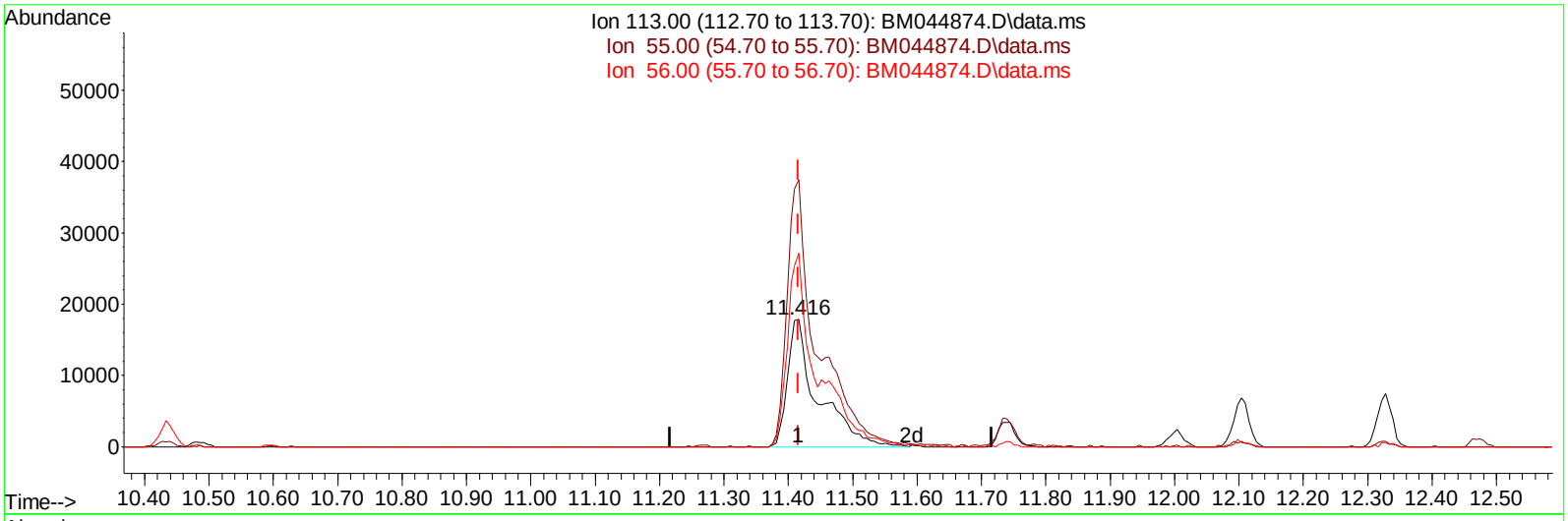

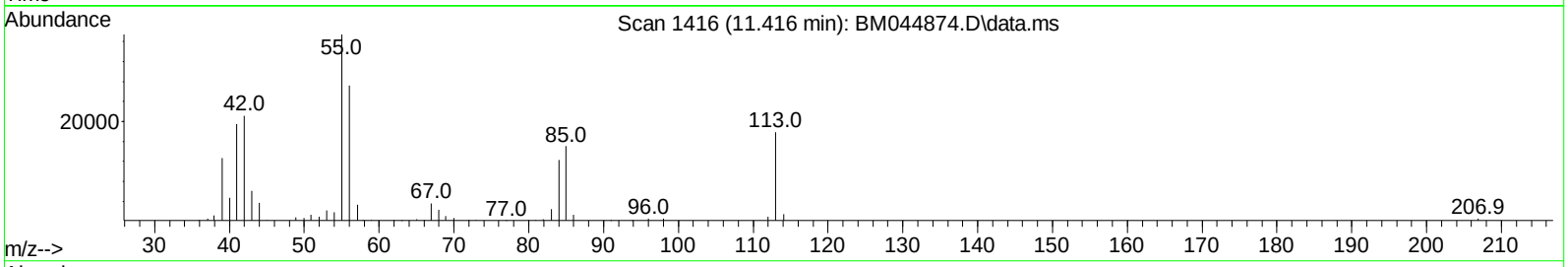

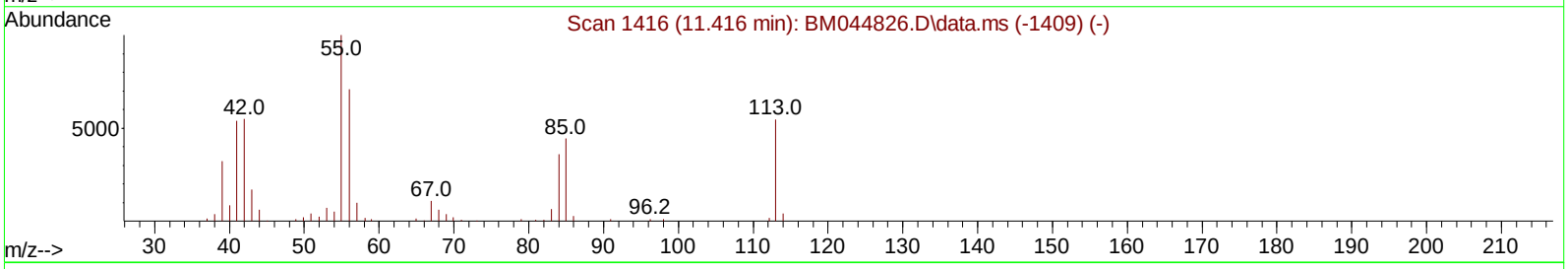

TIC: BM044874.D\data.ms

(34) Caprolactam

11.416min (-0.000) 29.09 ng/ul m

response 58478

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	209.68#
56.00	127.70	152.11
0.00	0.00	0.00

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Data File : BM044874.D
Acq On : 01 Apr 2024 20:30
Operator : MA/JU
Sample : PB159928BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 01 22:48:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 13:54:26 2024
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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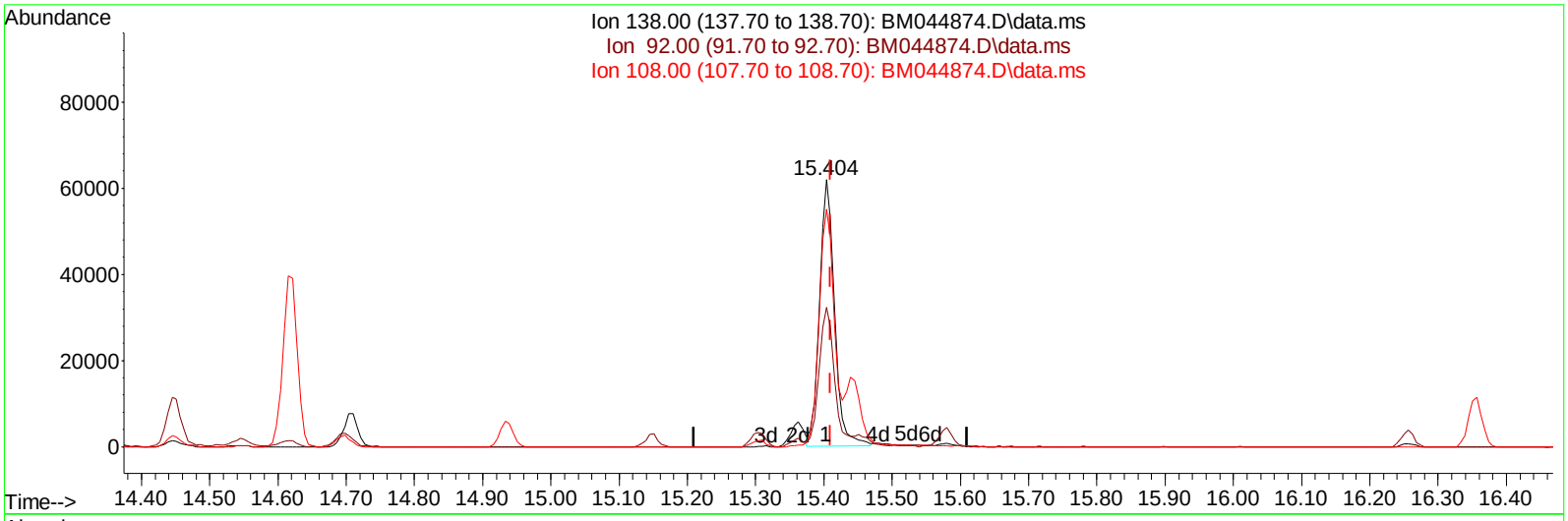

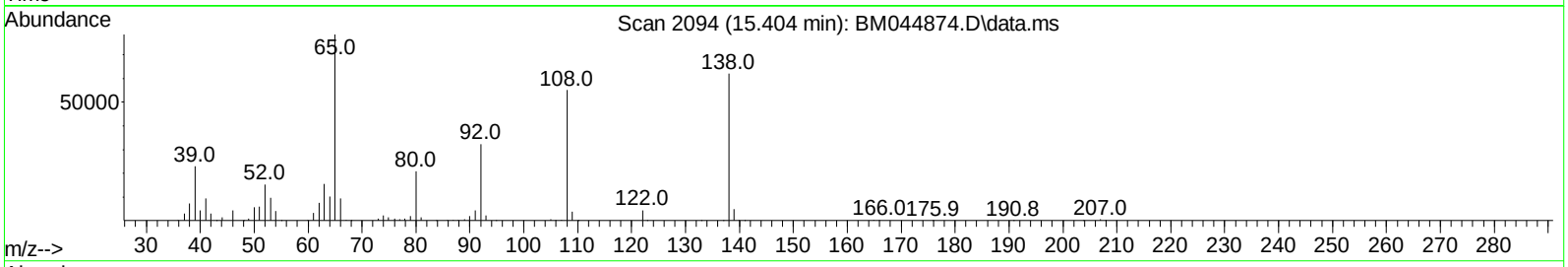

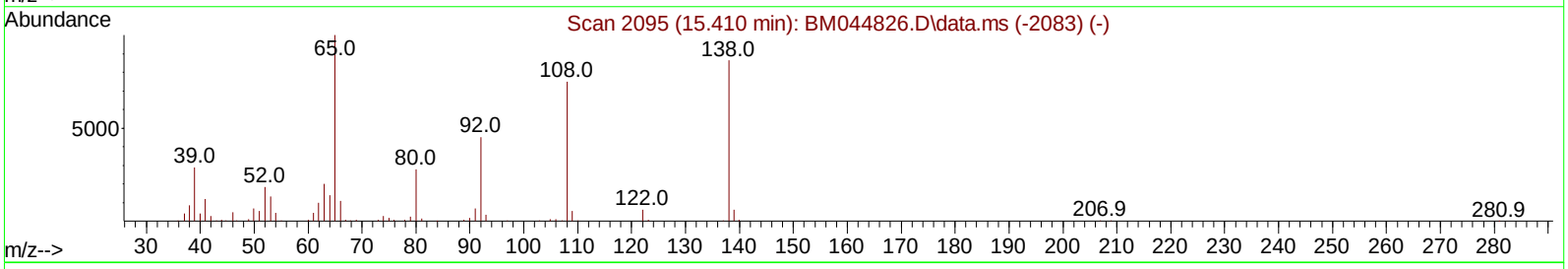

TIC: BM044874.D\data.ms

(63) 4-Nitroaniline

15.404min (-0.006) 30.20 ng/ul

response 94953

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	52.30
108.00	68.30	88.94#
0.00	0.00	0.00

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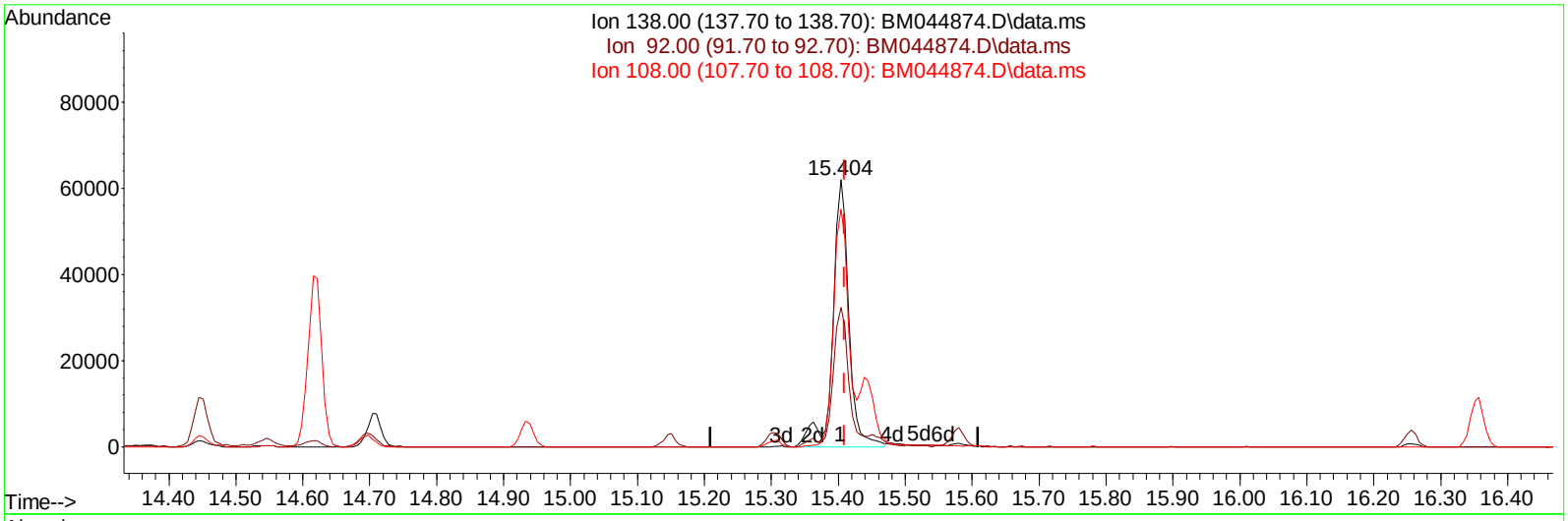

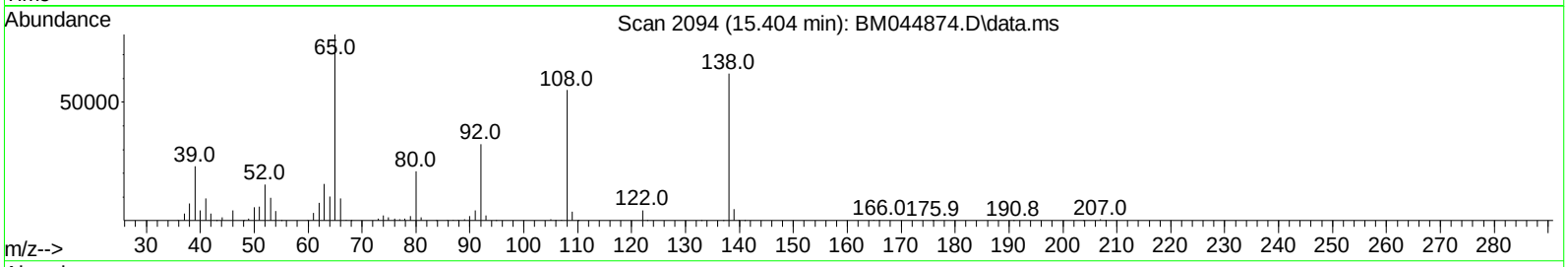

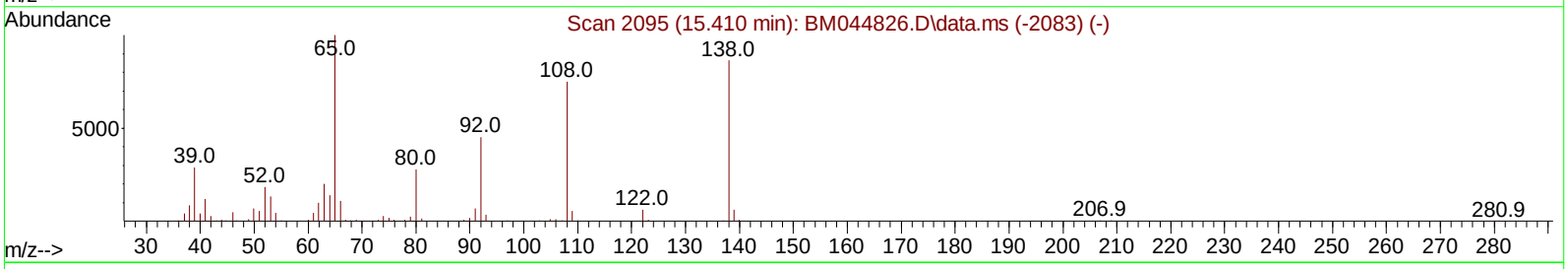

TIC: BM044874.D\data.ms

(63) 4-Nitroaniline

15.404min (-0.006) 32.92 ng/ul m

response 103483

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	52.30
108.00	68.30	88.94#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	80910	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.433	136	334707	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.304	164	190990	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.062	188	351869	20.000	ng/ul	0.00
79) Chrysene-d12	21.262	240	309932	20.000	ng/ul	0.00
88) Perylene-d12	23.491	264	353708	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	14282	5.987	ng/uL	0.00
4) Pyridine-d5	3.628	84	196369	27.967	ng/ul	0.00
7) Phenol-d5	6.840	99	269381	32.383	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	167014	32.504	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	202788	33.173	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	209164	32.017	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	101433	35.989	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	111064	36.554	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	202549	39.170	ng/ul	0.00
31) 4-Chloroaniline-d4	10.592	131	19272	2.244	ng/ul	0.00
46) Dimethylphthalate-d6	13.727	166	529244	35.325	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	619807	36.174	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	94330	30.361	ng/ul	0.00
60) Fluorene-d10	15.304	176	443684	35.241	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	85126	37.270	ng/ul	0.00
73) Anthracene-d10	17.162	188	639276	38.009	ng/ul	0.00
81) Pyrene-d10	19.462	212	696945	36.664	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.350	264	699521	37.626	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	28259	11.442	ng/uL#	92
5) Pyridine	3.646	79	265985	36.524	ng/ul#	80
6) Benzaldehyde	6.822	77	118617	32.738	ng/ul	94
8) Phenol	6.863	94	269933	31.795	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.104	93	205070	29.417	ng/ul	92
12) 2-Chlorophenol	7.228	128	202150	32.061	ng/ul	96
13) 2-Methylphenol	8.104	108	200352	31.099	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.181	45	341733	37.120	ng/ul	94
16) Acetophenone	8.487	105	314070	30.998	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.475	70	170273	32.527	ng/ul#	79
18) 4-Methylphenol	8.434	108	218448	31.149	ng/ul	95
19) Hexachloroethane	8.716	117	85584	33.137	ng/ul	93
22) Nitrobenzene	8.863	77	248293	37.148	ng/ul	93
23) Isophorone	9.386	82	478156	35.064	ng/ul	96
25) 2-Nitrophenol	9.563	139	115473	34.860	ng/ul#	87
26) 2,4-Dimethylphenol	9.622	107	231190	38.358	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.869	93	282935	32.991	ng/ul	99
29) 2,4-Dichlorophenol	10.092	162	192370	37.263	ng/ul	99
30) Naphthalene	10.486	128	635230	33.509	ng/ul	99
32) 4-Chloroaniline	10.616	127	62949	7.603	ng/ul	94
33) Hexachlorobutadiene	10.751	225	110592	38.220	ng/ul	96
34) Caprolactam	11.416	113	58478m	29.087	ng/ul	
35) 4-Chloro-3-methylphenol	11.739	107	203242	33.948	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.104	142	420407	33.349	ng/ul	99
37) 1-Methylnaphthalene	12.327	142	419191	33.709	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.475	216	208659	38.402	ng/ul	99
40) Hexachlorocyclopentadiene	12.439	237	122687	34.015	ng/ul	99
41) 2,4,6-Trichlorophenol	12.727	196	138776	36.432	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	150397	36.842	ng/ul	97
43) 1,1'-Biphenyl	13.133	154	539459	35.570	ng/ul	99
44) 2-Chloronaphthalene	13.174	162	419477	35.246	ng/ul	99
45) 2-Nitroaniline	13.398	65	142645	38.178	ng/ul	91
47) Dimethylphthalate	13.774	163	514381	33.740	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	104178	34.211	ng/ul	95
50) Acenaphthylene	14.027	152	704896	35.297	ng/ul	99
51) 3-Nitroaniline	14.233	138	95185	28.939	ng/ul	90
52) Acenaphthene	14.369	153	463858	35.332	ng/ul	100
53) 2,4-Dinitrophenol	14.451	184	56477	28.994	ng/ul#	85
55) 4-Nitrophenol	14.545	109	80995	37.207	ng/ul#	79
56) Dibenzofuran	14.710	168	611511	35.017	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	149432	33.995	ng/ul#	64
58) 2,3,4,6-Tetrachlorophenol	14.939	232	114093	33.774	ng/ul	98
59) Diethylphthalate	15.151	149	524090	33.125	ng/ul	99
61) Fluorene	15.363	166	510985	35.777	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	245913	37.097	ng/ul	98
63) 4-Nitroaniline	15.404	138	103483m	32.918	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.457	198	86799	35.562	ng/ul#	90
67) N-Nitrosodiphenylamine	15.580	169	371831	35.086	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	141473	40.197	ng/ul	97
69) Hexachlorobenzene	16.357	284	167602	41.809	ng/ul	97
70) Atrazine	16.545	200	5965	1.722	ng/ul	96
71) Pentachlorophenol	16.710	266	91655	34.625	ng/ul	98
72) Phenanthrene	17.104	178	721771	36.160	ng/ul	100
74) Anthracene	17.198	178	743764	36.844	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	208641	44.394	ng/uL	99
76) Pentachlorobenzene	14.621	250	198239	43.629	ng/uL	99
77) Carbazole	17.474	167	633060	33.372	ng/ul	99
78) Di-n-butylphthalate	18.045	149	865191	33.908	ng/ul#	99
80) Fluoranthene	19.127	202	796386	35.179	ng/ul	97
82) Pyrene	19.492	202	834378	35.402	ng/ul	97
83) Butylbenzylphthalate	20.409	149	368080	31.762	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.192	252	20299	3.028	ng/ul	94
85) Benzo(a)anthracene	21.245	228	810251	34.813	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.192	149	546131	32.321	ng/ul	96
87) Chrysene	21.297	228	750998	34.852	ng/ul	99
89) Di-n-octyl phthalate	22.074	149	978292	30.905	ng/ul	100
90) Benzo(b)fluoranthene	22.821	252	821161	34.695	ng/ul	99
91) Benzo(k)fluoranthene	22.868	252	819642	35.359	ng/ul	98
93) Benzo(a)pyrene	23.397	252	798468	36.065	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.744	276	994113	40.033	ng/ul	96
95) Dibenzo(a,h)anthracene	25.756	278	842414	40.685	ng/ul	96
96) Benzo(g,h,i)perylene	26.421	276	785189	39.623	ng/ul	97

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

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