Quantitation Report (Qedit)

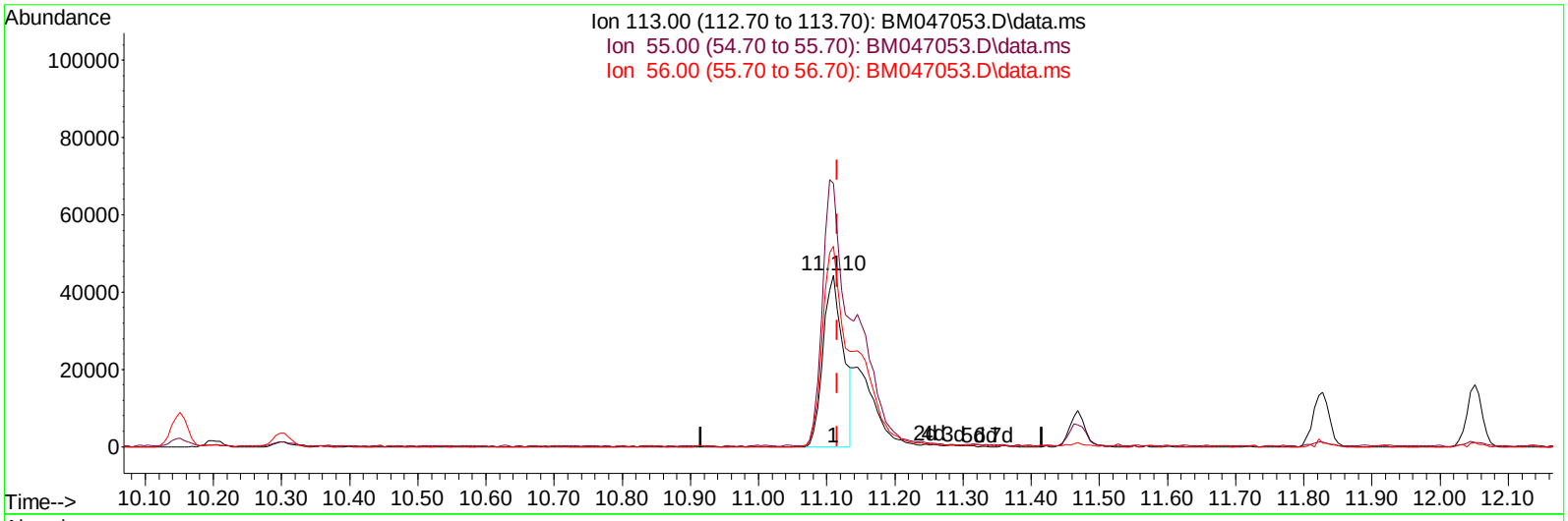
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047053.D
Acq On : 07 Aug 2024 12:02
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

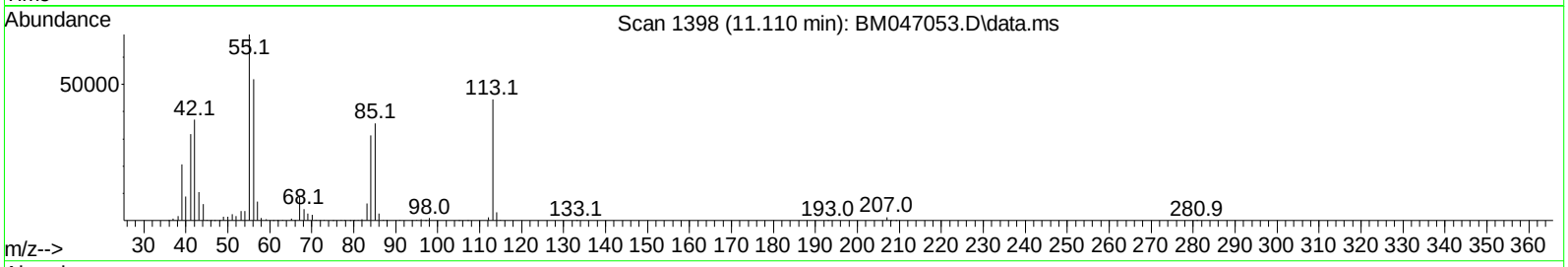
Quant Time: Aug 07 12:50:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 04:48:25 2024
Response via : Initial Calibration

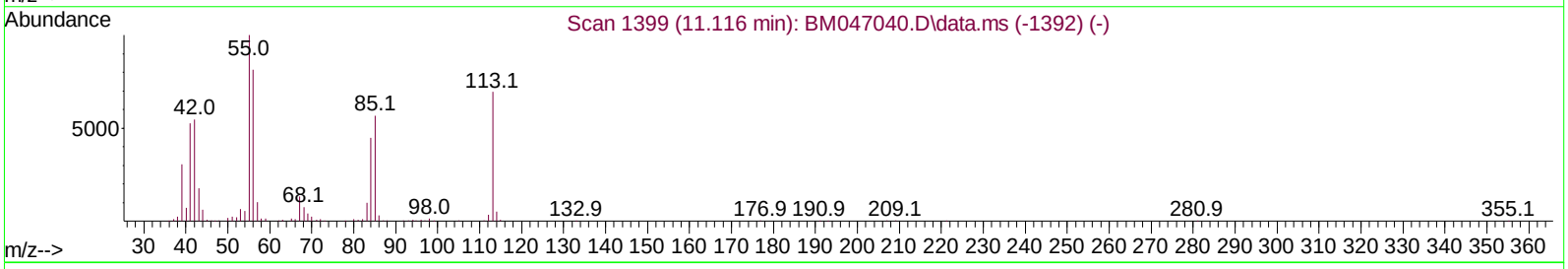
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024







TIC: BM047053.D\data.ms

(34) Caprolactam

11.110min (-0.006) 13.83 ng/ul

response 91213

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	153.48
56.00	118.20	116.71
0.00	0.00	0.00

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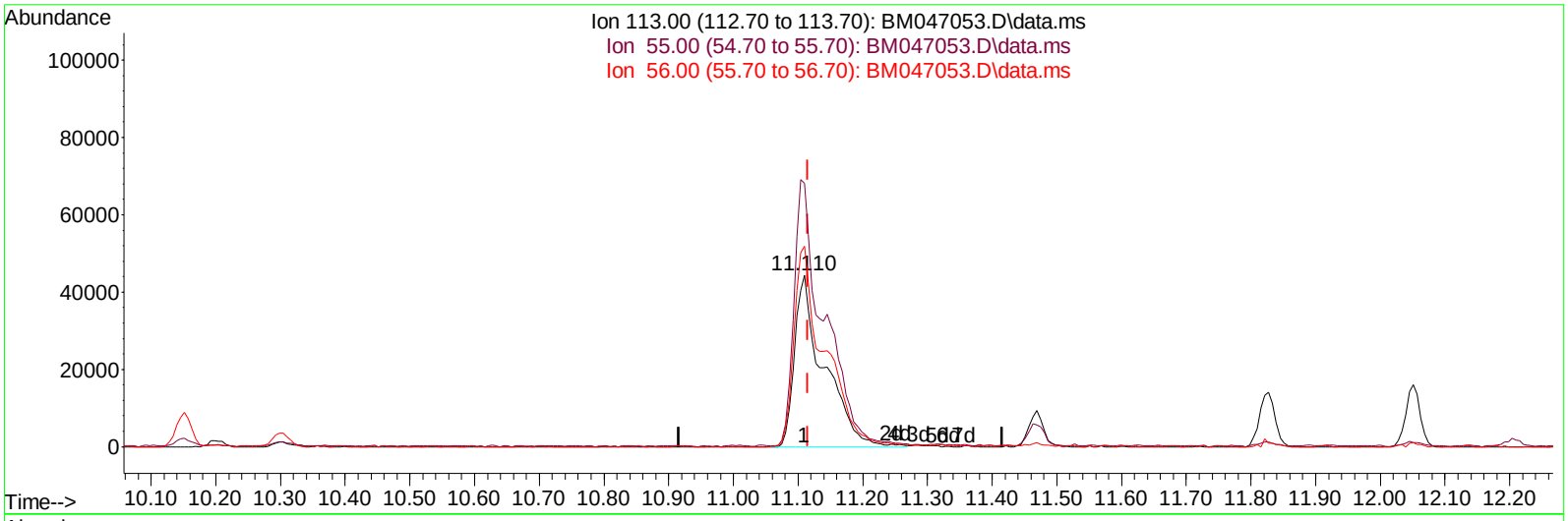

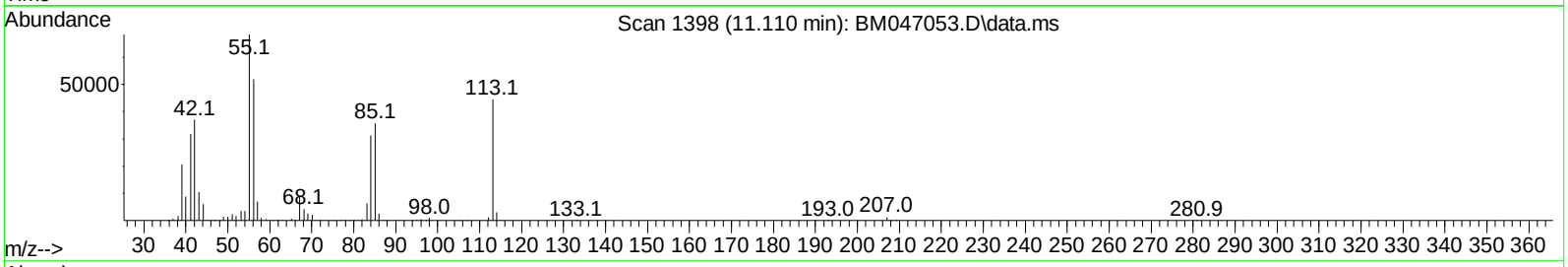

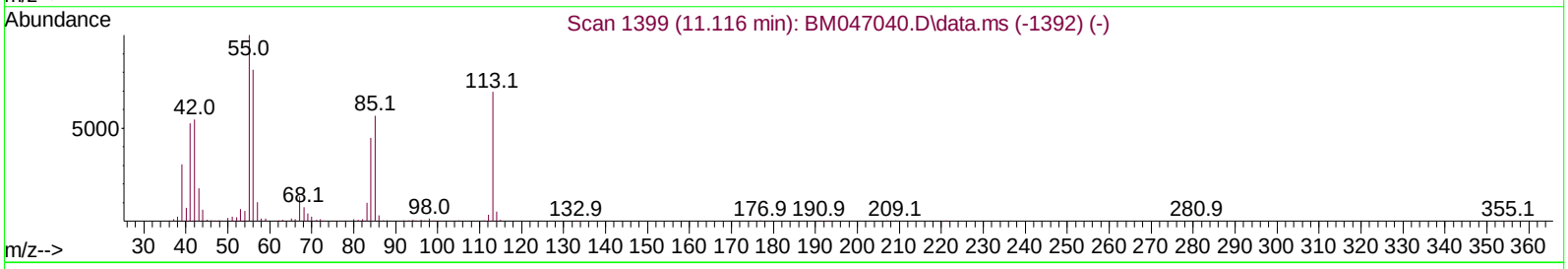

TIC: BM047053.D\data.ms

(34) Caprolactam

11.110min (-0.006) 21.30 ng/ul m

response 140476

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	153.48
56.00	118.20	116.71
0.00	0.00	0.00

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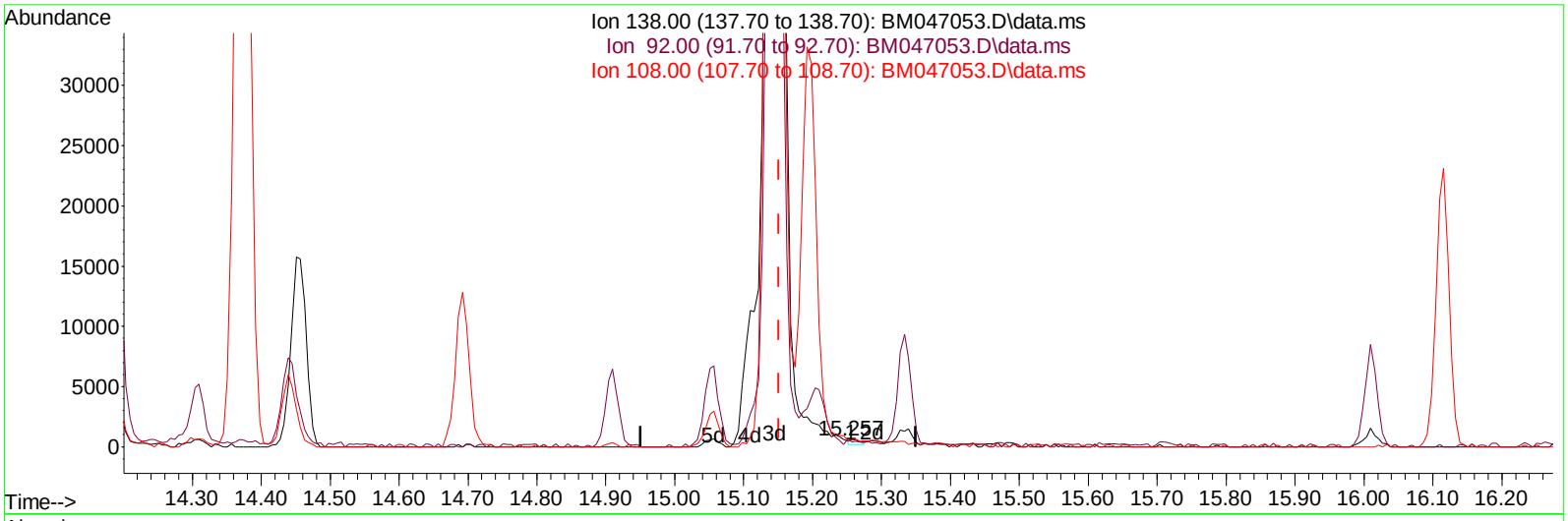

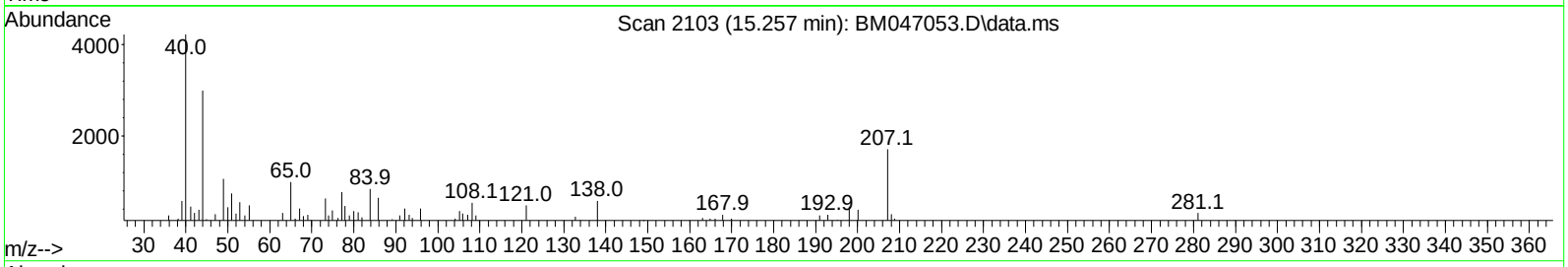

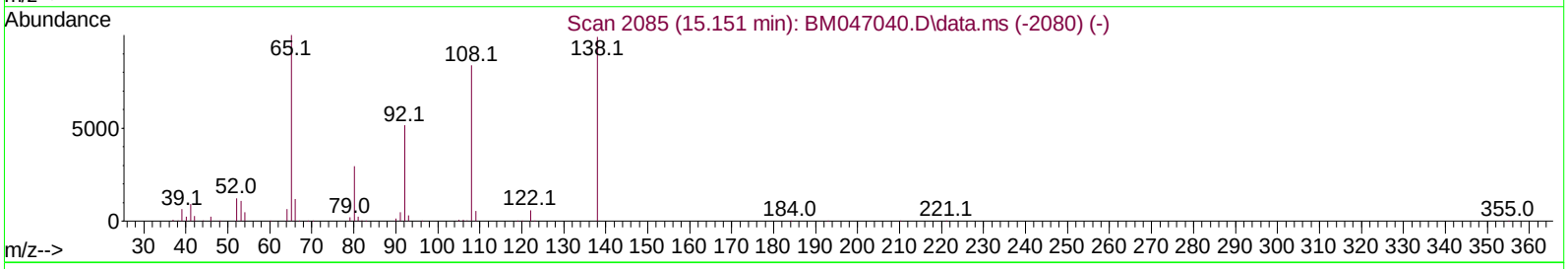

TIC: BM047053.D\data.ms

(63) 4-Nitroaniline

15.257min (+ 0.106) 0.03 ng/ul

response 389

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	70.75
108.00	109.10	91.50
0.00	0.00	0.00

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Acq On : 07 Aug 2024 12:02
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 07 12:52:10 2024
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QLast Update : Wed Aug 07 04:48:25 2024
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

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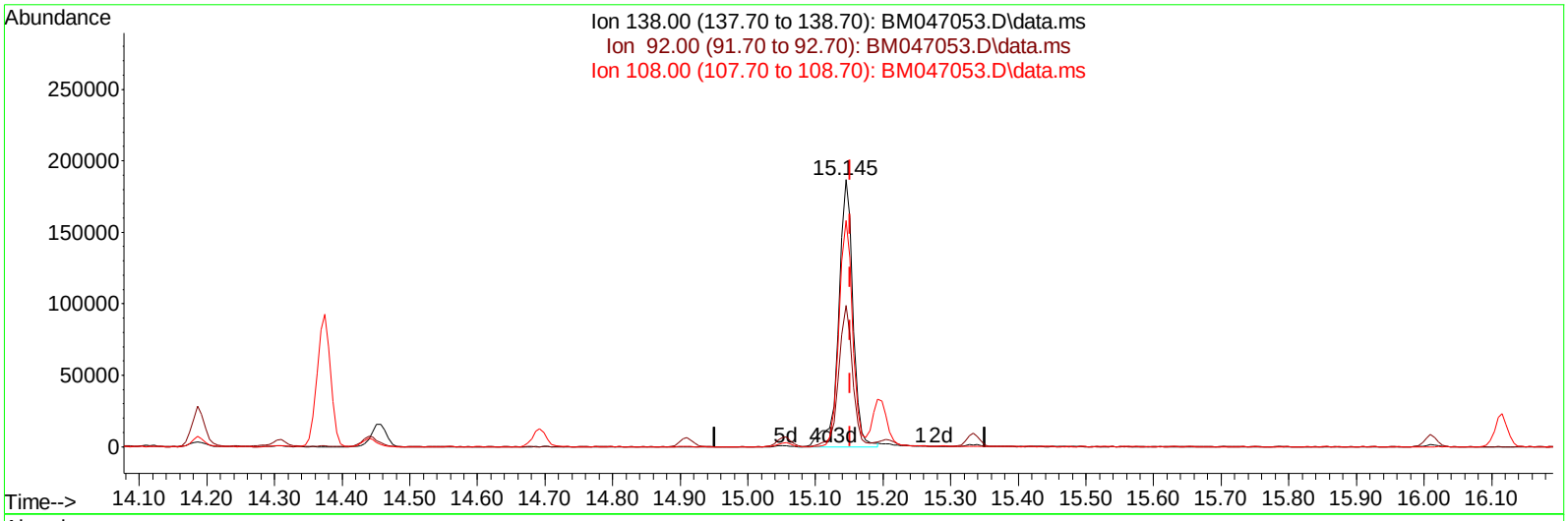

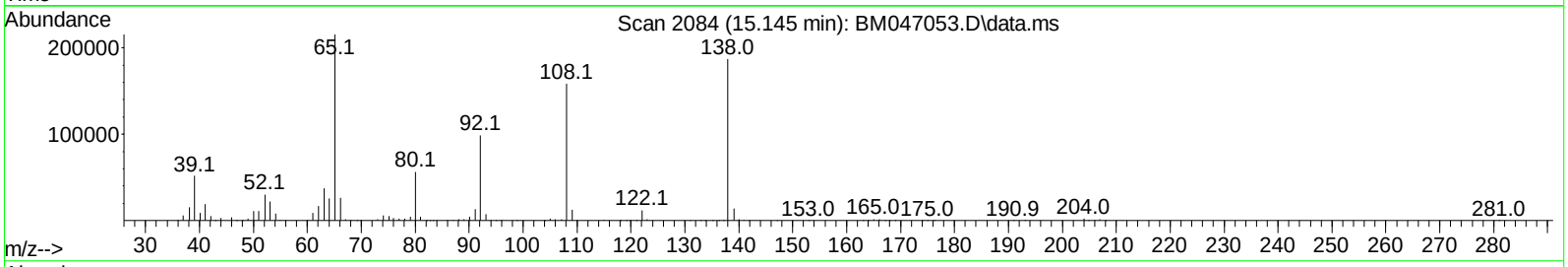

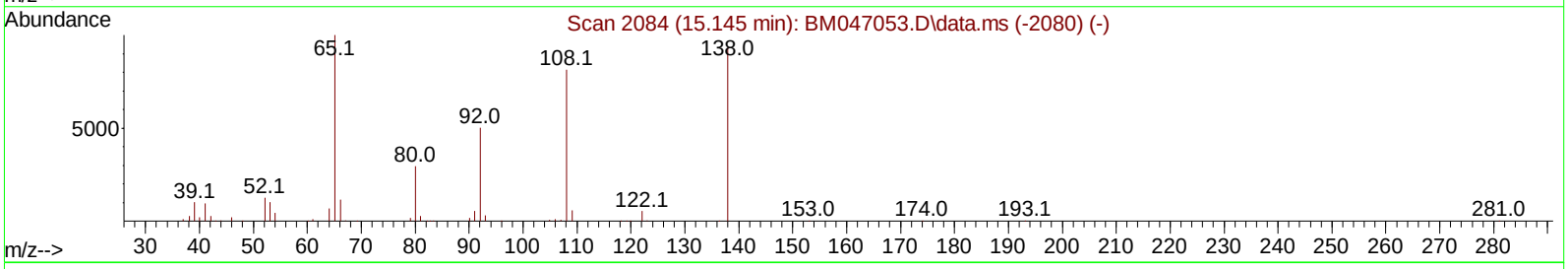

TIC: BM047053.D\data.ms

(63) 4-Nitroaniline

15.145min (-0.006) 22.47 ng/ul m

response 277112

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	52.97
108.00	109.10	84.81#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	335356	20.000	ng/ul	0.00
20) Naphthalene-d8	10.151	136	1297720	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.051	164	821415	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.810	188	1677921	20.000	ng/ul	0.00
79) Chrysene-d12	21.045	240	1384027	20.000	ng/ul	0.00
88) Perylene-d12	23.750	264	1564383	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	62670	7.404	ng/uL	0.00
4) Pyridine-d5	3.405	84	453134	19.625	ng/ul	0.00
7) Phenol-d5	6.598	99	546873	21.467	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	343943	20.519	ng/ul	0.00
11) 2-Chlorophenol-d4	6.940	132	443200	20.538	ng/ul	0.00
15) 4-Methylphenol-d8	8.116	113	431820	21.397	ng/ul	0.00
21) Nitrobenzene-d5	8.539	128	219192	21.049	ng/ul	0.00
24) 2-Nitrophenol-d4	9.251	143	247950	21.804	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.786	165	463349	21.222	ng/ul	0.00
31) 4-Chloroaniline-d4	10.298	131	590860	20.591	ng/ul	0.00
46) Dimethylphthalate-d6	13.480	166	1232705	19.627	ng/ul	0.00
49) Acenaphthylene-d8	13.739	160	1467670	20.935	ng/ul	0.00
54) 4-Nitrophenol-d4	14.292	143	238601	19.648	ng/ul	0.00
60) Fluorene-d10	15.057	176	1057559	19.684	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	199460	18.815	ng/ul	0.00
73) Anthracene-d10	16.910	188	1600470	20.121	ng/ul	0.00
81) Pyrene-d10	19.221	212	1737373	21.929	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	1692365	20.545	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	66030	7.010	ng/uL	96
5) Pyridine	3.422	79	452455	19.793	ng/ul	94
6) Benzaldehyde	6.557	77	324544	22.180	ng/ul	99
8) Phenol	6.628	94	553252	21.565	ng/ul	91
10) Bis(2-Chloroethyl)ether	6.840	93	461674	21.112	ng/ul	99
12) 2-Chlorophenol	6.969	128	452403	20.693	ng/ul	97
13) 2-Methylphenol	7.851	108	417806	21.378	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	7.916	45	598086	22.824	ng/ul	98
16) Acetophenone	8.210	105	653998	20.589	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.204	70	346524	20.688	ng/ul	94
18) 4-Methylphenol	8.181	108	454648	21.531	ng/ul	98
19) Hexachloroethane	8.451	117	200953	18.870	ng/ul	85
22) Nitrobenzene	8.581	77	548505	19.715	ng/ul	94
23) Isophorone	9.110	82	973380	20.447	ng/ul	98
25) 2-Nitrophenol	9.281	139	270485	21.743	ng/ul#	91
26) 2,4-Dimethylphenol	9.363	107	475495	19.391	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.592	93	600473	20.461	ng/ul	99
29) 2,4-Dichlorophenol	9.816	162	455371	20.911	ng/ul	97
30) Naphthalene	10.198	128	1399713	20.372	ng/ul	100
32) 4-Chloroaniline	10.322	127	577678	20.731	ng/ul	99
33) Hexachlorobutadiene	10.486	225	287395	18.293	ng/ul	98
34) Caprolactam	11.110	113	140476m	21.302	ng/ul	
35) 4-Chloro-3-methylphenol	11.469	107	451160	20.092	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.827	142	984976	20.530	ng/ul	99
37) 1-Methylnaphthalene	12.051	142	981075	20.200	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.204	216	527922	20.493	ng/ul	98
40) Hexachlorocyclopentadiene	12.186	237	265037	15.618	ng/ul	98
41) 2,4,6-Trichlorophenol	12.463	196	363571	21.562	ng/ul	97
42) 2,4,5-Trichlorophenol	12.539	196	393548	21.617	ng/ul	99
43) 1,1'-Biphenyl	12.874	154	1266836	20.615	ng/ul	99
44) 2-Chloronaphthalene	12.904	162	1015678	20.813	ng/ul	98
45) 2-Nitroaniline	13.127	65	305912	20.628	ng/ul	98
47) Dimethylphthalate	13.527	163	1232172	19.551	ng/ul	99
48) 2,6-Dinitrotoluene	13.645	165	262527	21.428	ng/ul#	84
50) Acenaphthylene	13.769	152	1530694	20.674	ng/ul	100
51) 3-Nitroaniline	13.969	138	281028	22.524	ng/ul	96
52) Acenaphthene	14.116	153	1077086	20.178	ng/ul	99
53) 2,4-Dinitrophenol	14.186	184	144712	16.740	ng/ul	91
55) 4-Nitrophenol	14.310	109	193510	15.745	ng/ul#	80
56) Dibenzofuran	14.457	168	1482222	19.786	ng/ul	93
57) 2,4-Dinitrotoluene	14.439	165	374486	20.002	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.692	232	316824	19.576	ng/ul#	94
59) Diethylphthalate	14.910	149	1250857	18.450	ng/ul	98
61) Fluorene	15.110	166	1196115	19.358	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.116	204	567014	18.641	ng/ul	93
63) 4-Nitroaniline	15.145	138	277112m	22.474	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.210	198	223599	19.276	ng/ul	92
67) N-Nitrosodiphenylamine	15.333	169	1040461	20.920	ng/ul	98
68) 4-Bromophenyl-phenylether	16.010	248	371016	20.429	ng/ul	93
69) Hexachlorobenzene	16.115	284	429299	20.074	ng/ul	99
70) Atrazine	16.304	200	381420	19.547	ng/ul	99
71) Pentachlorophenol	16.468	266	281219	19.423	ng/ul	97
72) Phenanthrene	16.851	178	1895054	20.148	ng/ul	99
74) Anthracene	16.945	178	1901379	20.045	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.827	216	539089	22.330	ng/uL	95
76) Pentachlorobenzene	14.374	250	521194	20.857	ng/uL	99
77) Carbazole	17.221	167	1778771	20.228	ng/ul	99
78) Di-n-butylphthalate	17.809	149	2148669	19.215	ng/ul	98
80) Fluoranthene	18.886	202	2116368	22.352	ng/ul	99
82) Pyrene	19.251	202	2189001	21.697	ng/ul	98
83) Butylbenzylphthalate	20.186	149	957997	21.725	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.968	252	614928	18.124	ng/ul	99
85) Benzo(a)anthracene	21.027	228	2050455	20.285	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.986	149	1375916	21.373	ng/ul	99
87) Chrysene	21.086	228	1889205	19.596	ng/ul	99
89) Di-n-octyl phthalate	22.027	149	2333860	21.147	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	2020118	20.876	ng/ul	99
91) Benzo(k)fluoranthene	22.962	252	1959627	20.492	ng/ul	98
93) Benzo(a)pyrene	23.627	252	1852625	20.550	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.756	276	2317983	20.068	ng/ul	99
95) Dibenzo(a,h)anthracene	26.803	278	1848838	19.928	ng/ul	99
96) Benzo(g,h,i)perylene	27.691	276	1808503	19.817	ng/ul	97

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

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