Quantitation Report (Qedit)

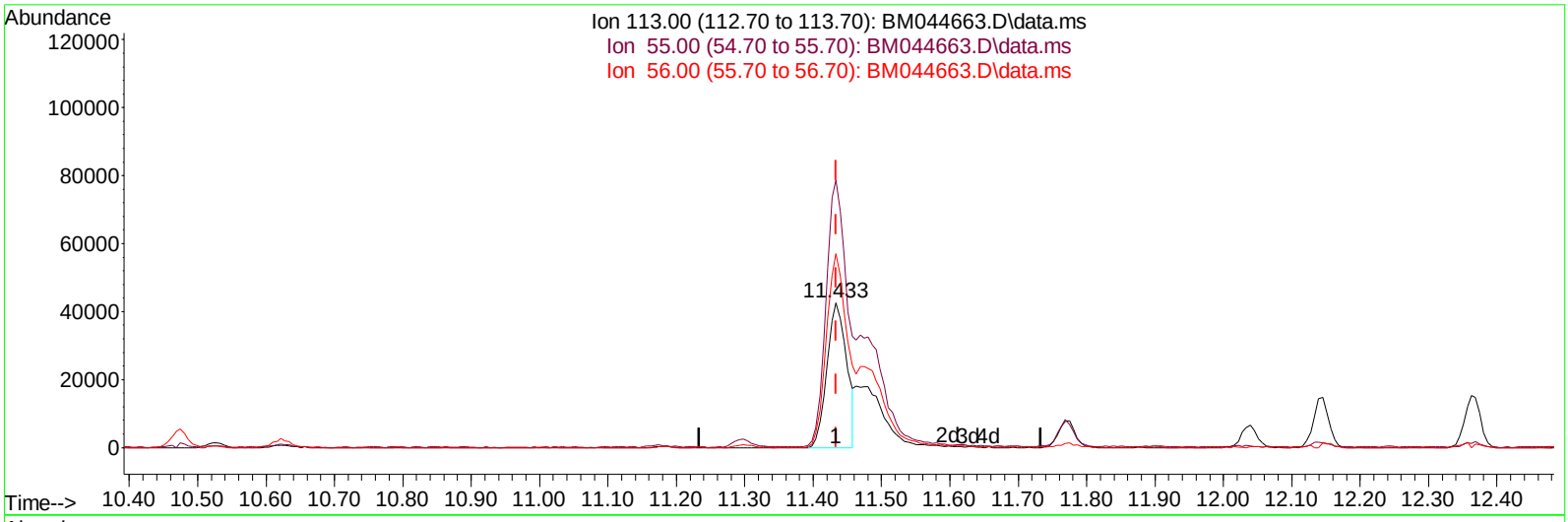
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044663.D
Acq On : 19 Mar 2024 14:32
Operator : MA/JU
Sample : P1787-07MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

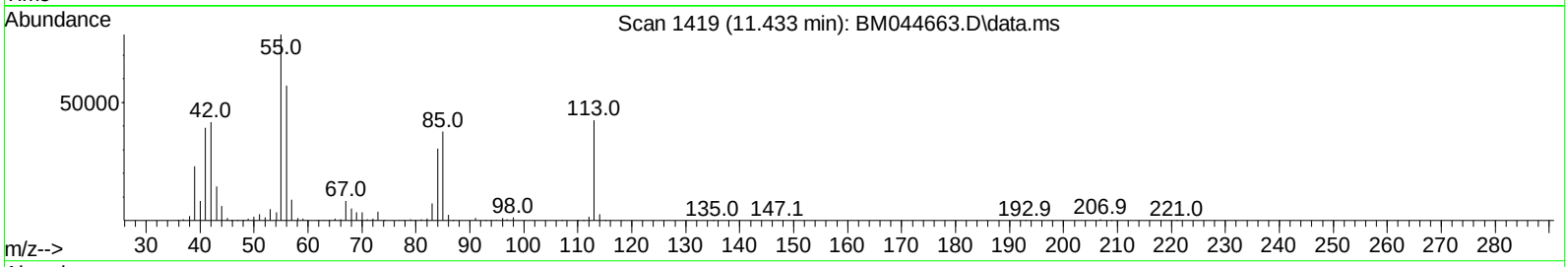
Quant Time: Mar 19 15:03:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

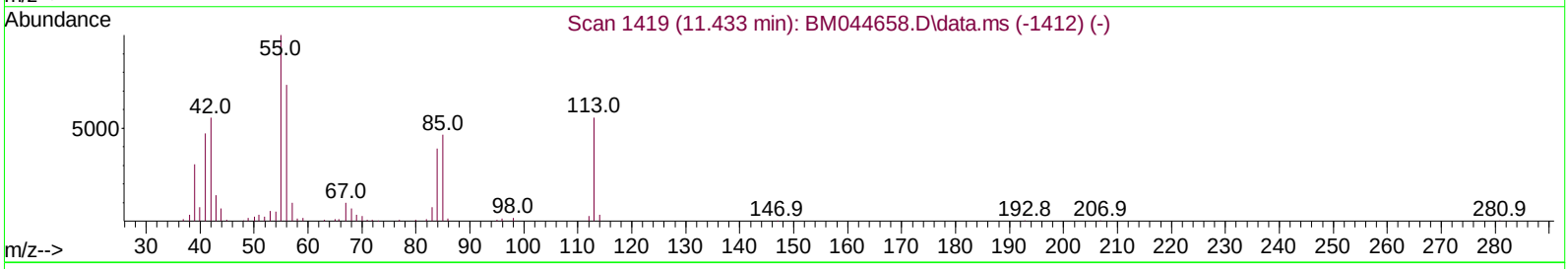
Instrument :
BNA_M
ClientSampleId :
E0776MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/20/2024
Supervised By :mohammad ahmed 03/20/2024







TIC: BM044663.D\data.ms

(34) Caprolactam

11.433min (-0.000) 21.58 ng/ul

response 85074

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	184.62
56.00	127.70	133.87
0.00	0.00	0.00

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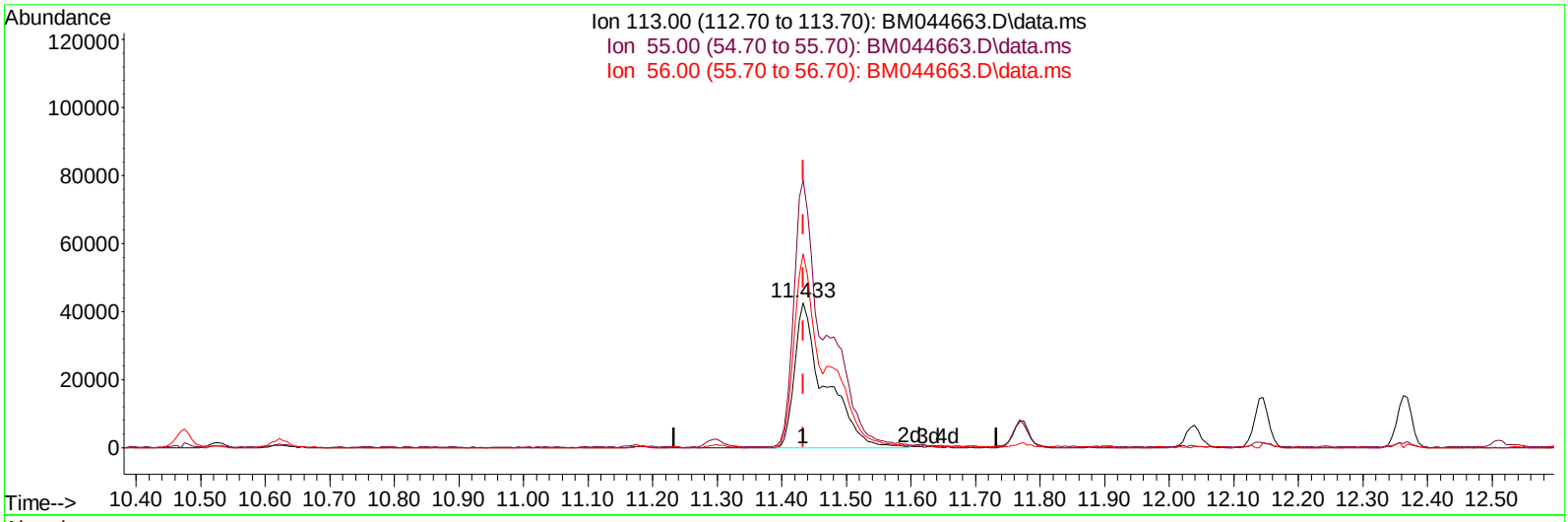

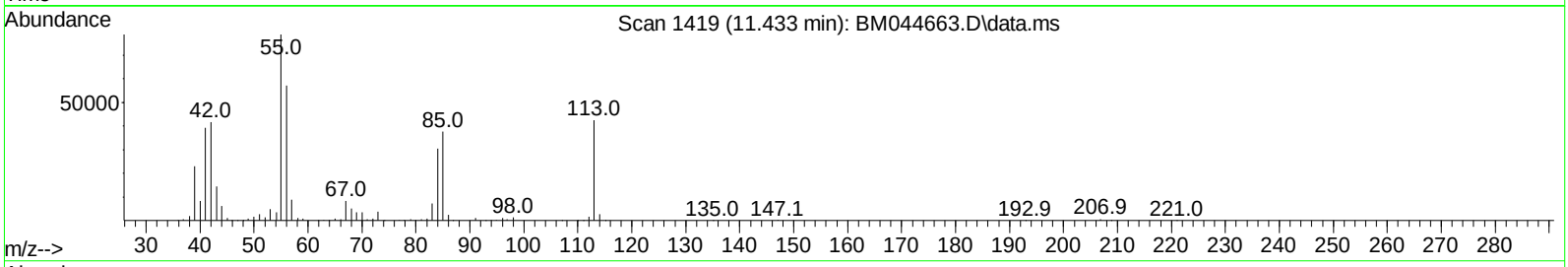

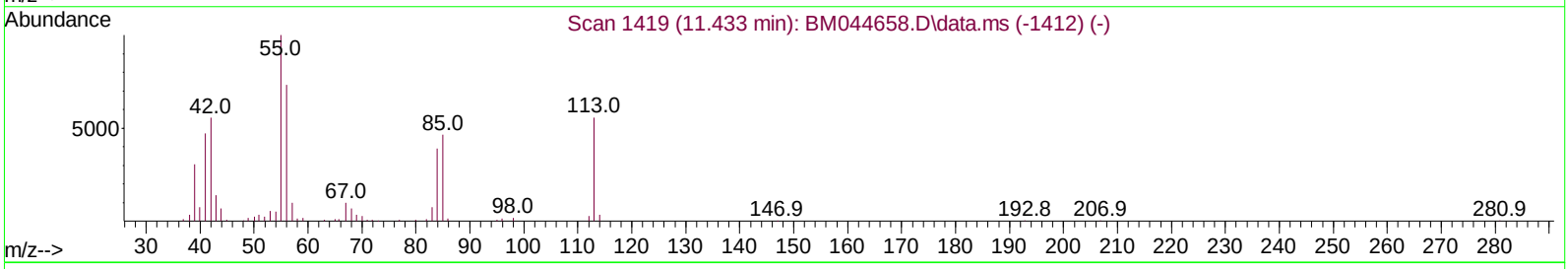

TIC: BM044663.D\data.ms

(34) Caprolactam

11.433min (-0.000) 35.20 ng/ul m

response 138782

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	184.62
56.00	127.70	133.87
0.00	0.00	0.00

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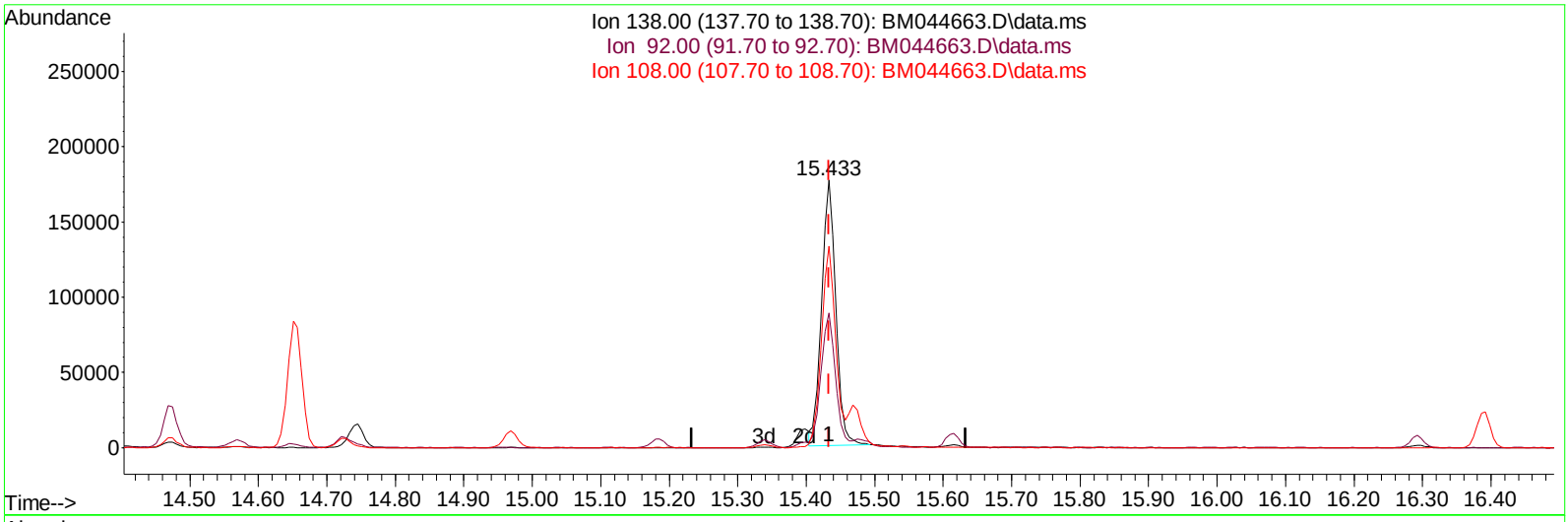

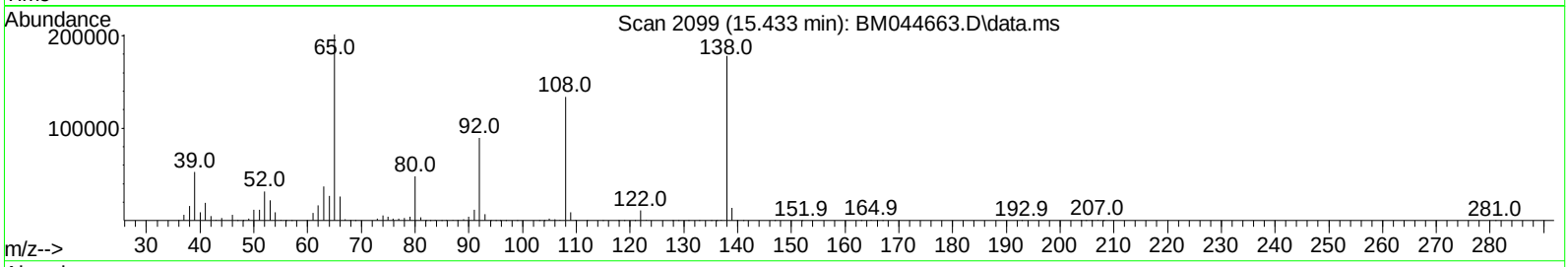

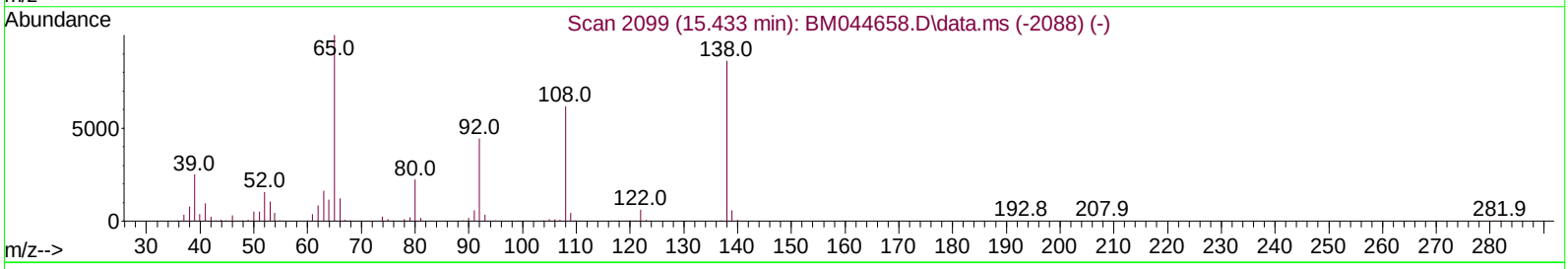

TIC: BM044663.D\data.ms

(63) 4-Nitroaniline

15.433min (-0.000) 40.33 ng/ul

response 255956

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	50.35
108.00	68.30	75.31
0.00	0.00	0.00

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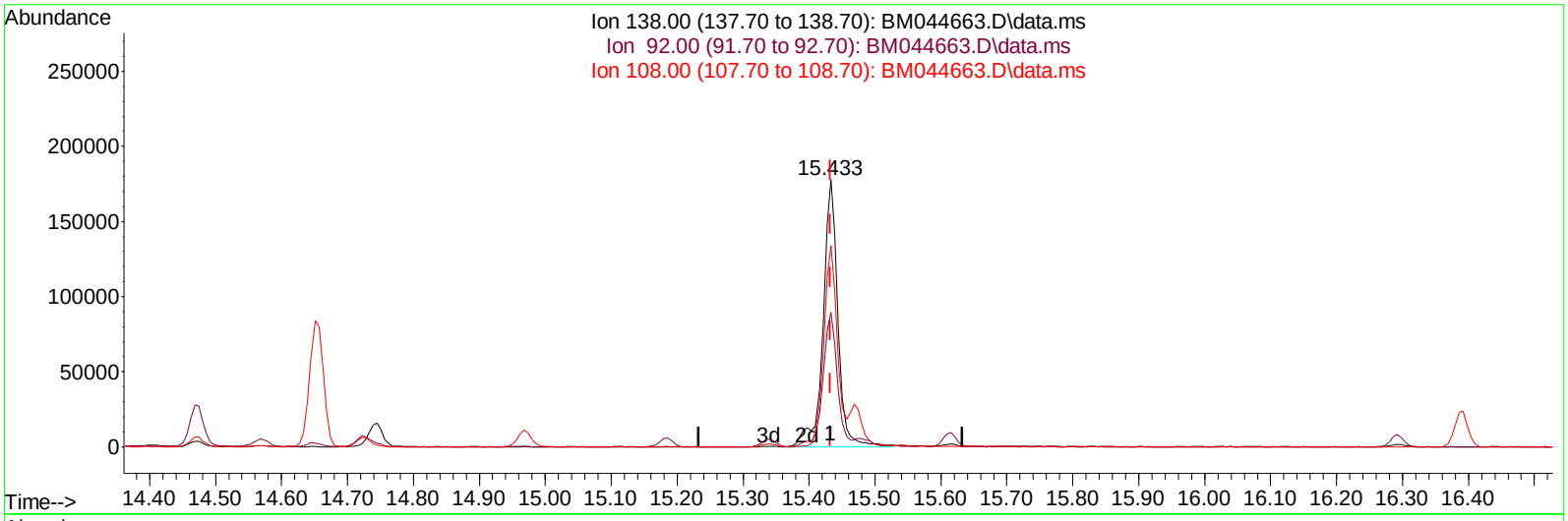

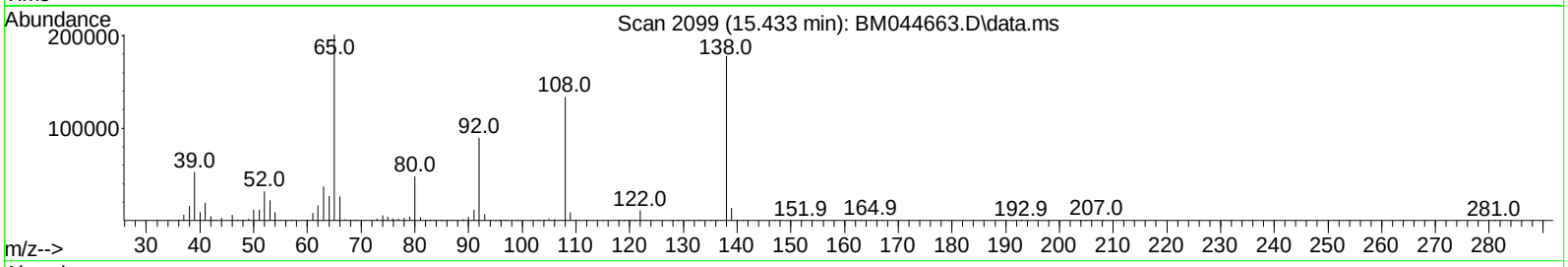

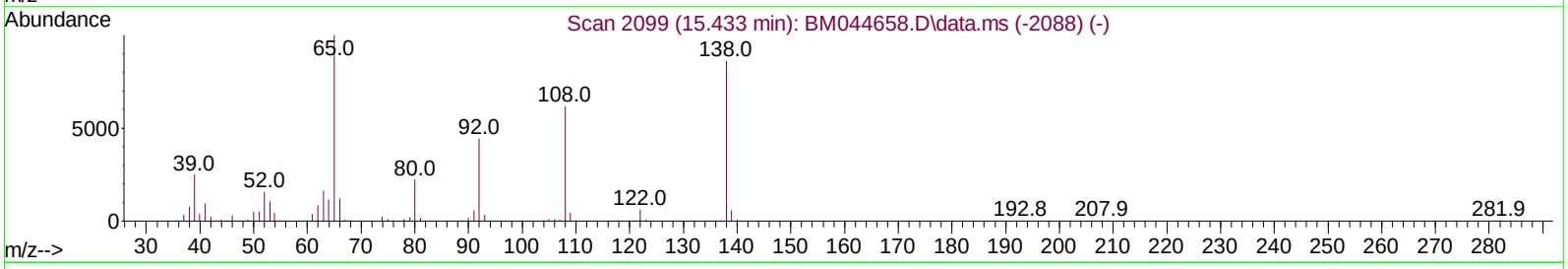

TIC: BM044663.D\data.ms

(63) 4-Nitroaniline

15.433min (-0.000) 44.49 ng/ul m

response 282374

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	50.35
108.00	68.30	75.31
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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BNA_M
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/20/2024
Supervised By :mohammad ahmed 03/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	161587	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	656419	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.339	164	385621	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	758541	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	688403	20.000	ng/ul	0.00
88) Perylene-d12	23.539	264	769896	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	21885	4.594	ng/uL	0.00
4) Pyridine-d5	3.652	84	312219	22.265	ng/ul	0.00
7) Phenol-d5	6.869	99	407599	24.535	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	263879	25.715	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	311941	25.551	ng/ul	0.00
15) 4-Methylphenol-d8	8.398	113	295079	22.617	ng/ul	0.00
21) Nitrobenzene-d5	8.857	128	155265	28.090	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	166261	27.902	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	299950	29.577	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	364587	21.646	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	827162	27.345	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	976047	28.213	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	162444	25.895	ng/ul	0.00
60) Fluorene-d10	15.339	176	712120	28.014	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.468	200	136136	27.648	ng/ul	0.00
73) Anthracene-d10	17.192	188	1066741	29.421	ng/ul	0.00
81) Pyrene-d10	19.498	212	1237215	29.303	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.397	264	1210500	29.913	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	73263	14.854	ng/uL	98
5) Pyridine	3.669	79	510586	35.107	ng/ul	96
6) Benzaldehyde	6.857	77	279331	38.603	ng/ul	95
8) Phenol	6.893	94	632867	37.326	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.134	93	510788	36.689	ng/ul	96
12) 2-Chlorophenol	7.257	128	482335	38.304	ng/ul	97
13) 2-Methylphenol	8.134	108	438224	34.060	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.216	45	744137	40.473	ng/ul	96
16) Acetophenone	8.522	105	733968	36.272	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.504	70	384791	36.806	ng/ul	91
18) 4-Methylphenol	8.463	108	474477	33.877	ng/ul	99
19) Hexachloroethane	8.751	117	208216	40.367	ng/ul	99
22) Nitrobenzene	8.898	77	563926	43.020	ng/ul	96
23) Isophorone	9.416	82	1064722	39.812	ng/ul	98
25) 2-Nitrophenol	9.598	139	265339	40.845	ng/ul	95
26) 2,4-Dimethylphenol	9.657	107	283015	23.943	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.904	93	669980	39.834	ng/ul	99
29) 2,4-Dichlorophenol	10.128	162	420329	41.516	ng/ul	100
30) Naphthalene	10.528	128	1537244	41.348	ng/ul	100
32) 4-Chloroaniline	10.645	127	389705	24.000	ng/ul	100
33) Hexachlorobutadiene	10.792	225	257069	45.301	ng/ul	98
34) Caprolactam	11.433	113	138782m	35.198	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	458748	39.072	ng/ul	99

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E0776MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/20/2024
Supervised By :mohammad ahmed 03/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.145	142	992429	40.142	ng/ul	99
37) 1-Methylnaphthalene	12.363	142	979385	40.157	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	472173	43.039	ng/ul	98
40) Hexachlorocyclopentadiene	12.480	237	294157	40.392	ng/ul	99
41) 2,4,6-Trichlorophenol	12.763	196	300699	39.098	ng/ul	99
42) 2,4,5-Trichlorophenol	12.833	196	335598	40.717	ng/ul	98
43) 1,1'-Biphenyl	13.169	154	1251890	40.883	ng/ul	99
44) 2-Chloronaphthalene	13.210	162	976434	40.634	ng/ul	99
45) 2-Nitroaniline	13.427	65	316864	42.003	ng/ul	97
47) Dimethylphthalate	13.810	163	1218701	39.592	ng/ul	100
48) 2,6-Dinitrotoluene	13.933	165	242960	39.517	ng/ul	95
50) Acenaphthylene	14.063	152	1642474	40.735	ng/ul	100
51) 3-Nitroaniline	14.263	138	241585	36.378	ng/ul	94
52) Acenaphthene	14.404	153	1082101	40.823	ng/ul	99
53) 2,4-Dinitrophenol	14.474	184	144662	36.783	ng/ul	99
55) 4-Nitrophenol	14.569	109	182209	41.455	ng/ul	93
56) Dibenzofuran	14.745	168	1441649	40.887	ng/ul	100
57) 2,4-Dinitrotoluene	14.721	165	350879	39.535	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.969	232	261055	38.274	ng/ul	97
59) Diethylphthalate	15.186	149	1261547	39.491	ng/ul	98
61) Fluorene	15.398	166	1197591	41.529	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	568432	42.471	ng/ul	98
63) 4-Nitroaniline	15.433	138	282374m	44.488	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.486	198	214412	40.750	ng/ul	99
67) N-Nitrosodiphenylamine	15.616	169	976673	42.751	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	341769	45.046	ng/ul	98
69) Hexachlorobenzene	16.392	284	385823	44.646	ng/ul	96
70) Atrazine	16.574	200	144927	19.413	ng/ul	99
71) Pentachlorophenol	16.745	266	219524	38.470	ng/ul	100
72) Phenanthrene	17.139	178	1808274	42.024	ng/ul	100
74) Anthracene	17.233	178	1833456	42.131	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.127	216	465707	45.966	ng/uL	99
76) Pentachlorobenzene	14.657	250	452652	46.212	ng/uL	100
77) Carbazole	17.510	167	1706941	41.741	ng/ul	99
78) Di-n-butylphthalate	18.080	149	2362070	42.943	ng/ul	99
80) Fluoranthene	19.162	202	2070021	41.168	ng/ul	98
82) Pyrene	19.527	202	2163172	41.322	ng/ul	97
83) Butylbenzylphthalate	20.445	149	1073606	41.709	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.221	252	481328	32.323	ng/ul	98
85) Benzo(a)anthracene	21.280	228	2103670	40.693	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1624483	43.284	ng/ul	99
87) Chrysene	21.333	228	1958651	40.923	ng/ul	100
89) Di-n-octyl phthalate	22.115	149	2764085	40.117	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	2186486	42.443	ng/ul	99
91) Benzo(k)fluoranthene	22.915	252	2053846	40.706	ng/ul	98
93) Benzo(a)pyrene	23.444	252	1986275	41.217	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.815	276	2497098	46.199	ng/ul	99
95) Dibenzo(a,h)anthracene	25.827	278	2112751	46.878	ng/ul	98
96) Benzo(g,h,i)perylene	26.503	276	2003843	46.457	ng/ul	97

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

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