Quantitation Report (Qedit)

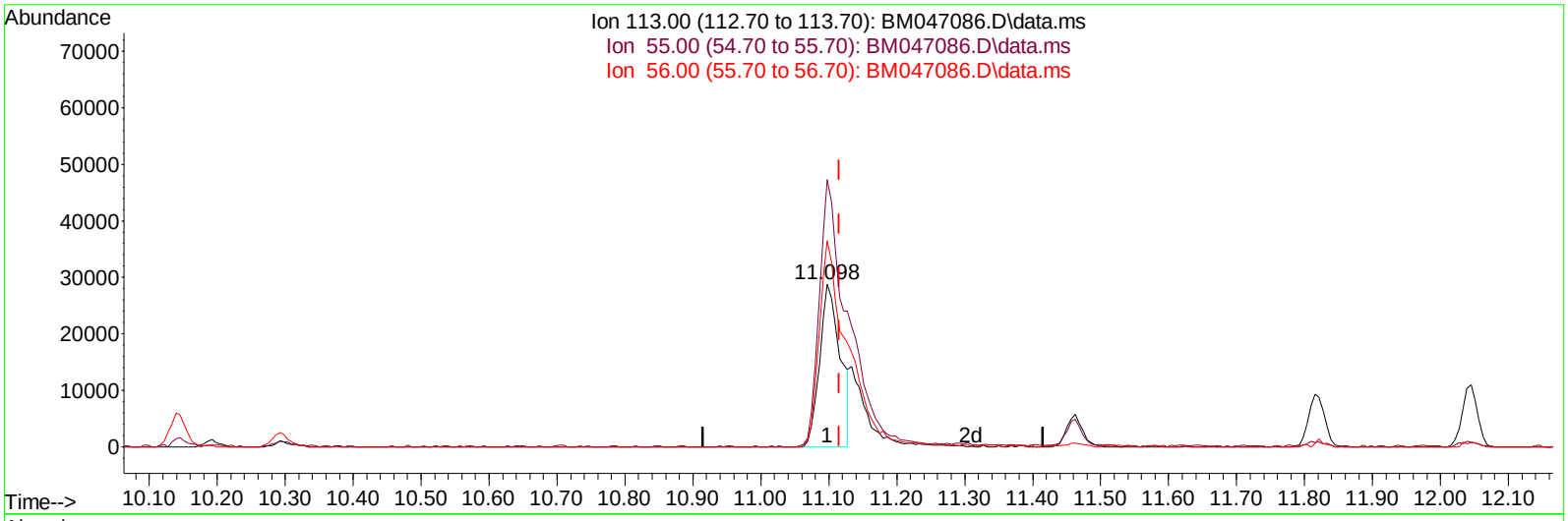
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047086.D
Acq On : 08 Aug 2024 14:45
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

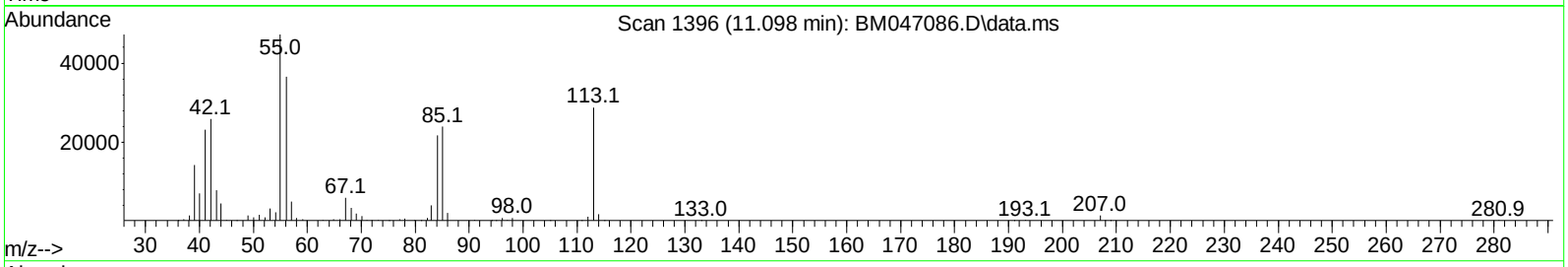
Quant Time: Aug 08 15:34:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 04:48:25 2024
Response via : Initial Calibration

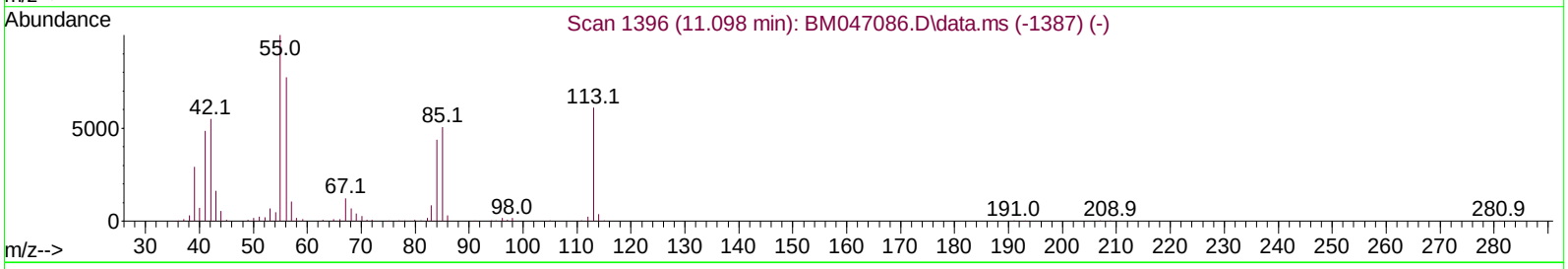
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/12/2024







TIC: BM047086.D\data.ms

(34) Caprolactam

11.098min (-0.018) 13.38 ng/ul

response 60408

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	164.25#
56.00	118.20	126.83
0.00	0.00	0.00

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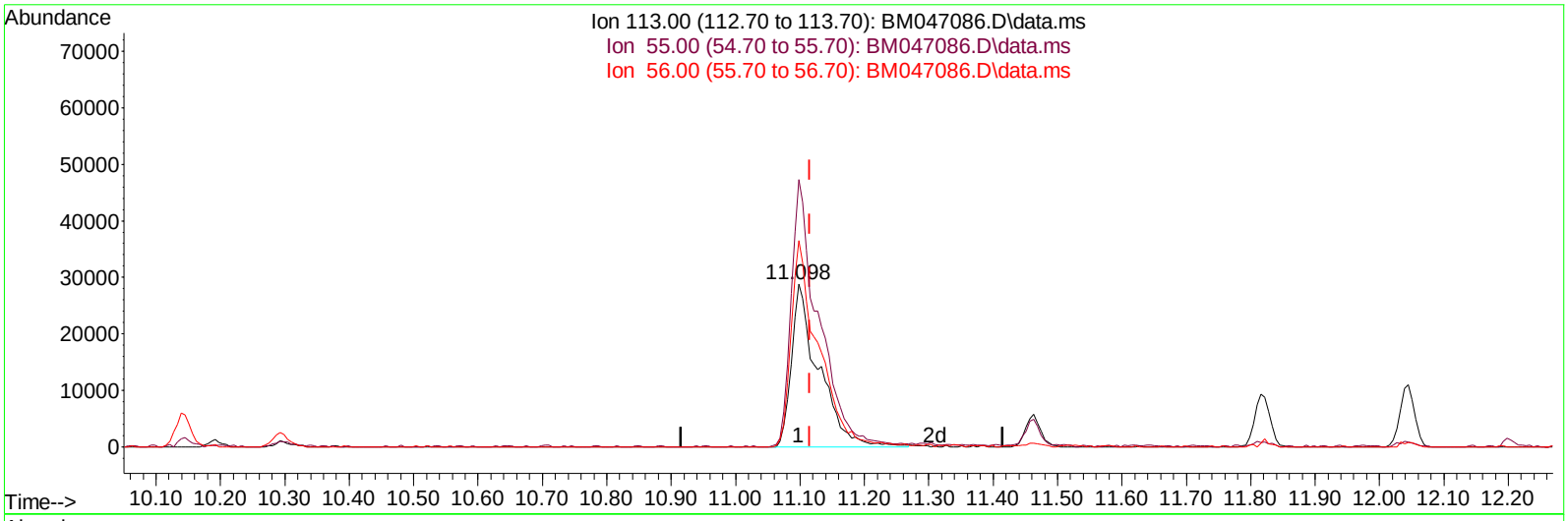

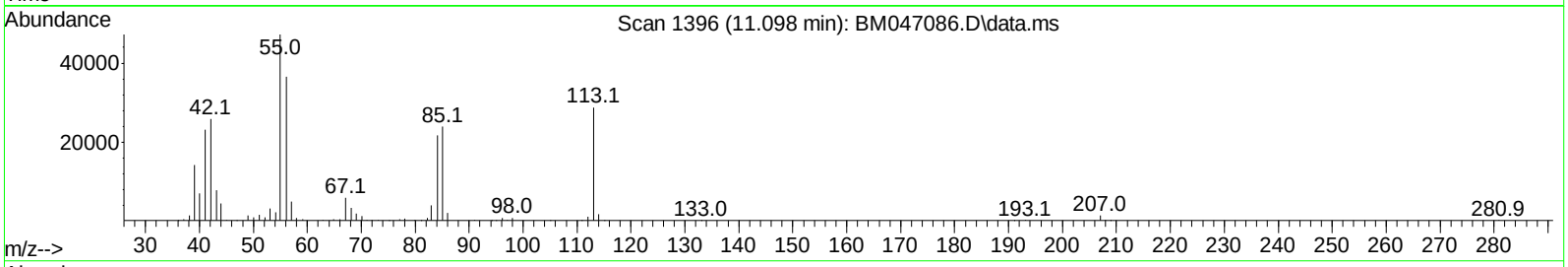

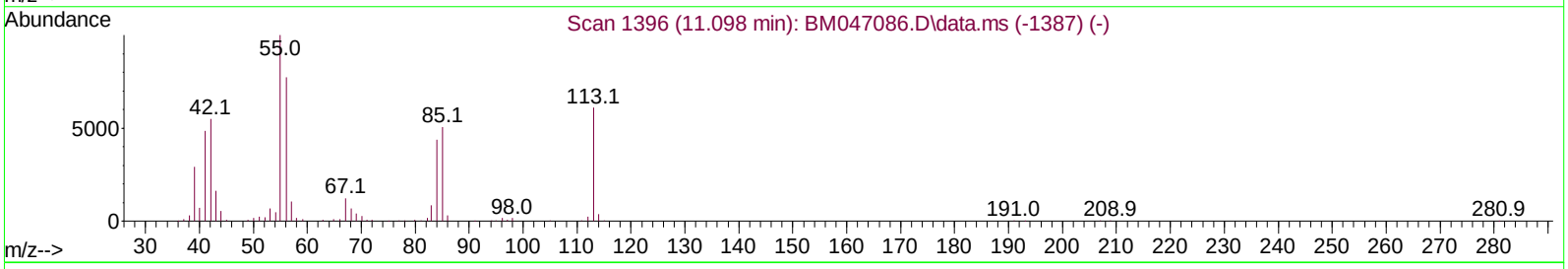

TIC: BM047086.D\data.ms

(34) Caprolactam

11.098min (-0.018) 18.78 ng/ul m

response 84819

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	164.25#
56.00	118.20	126.83
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
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Quant Title : SVOA CALIBRATION
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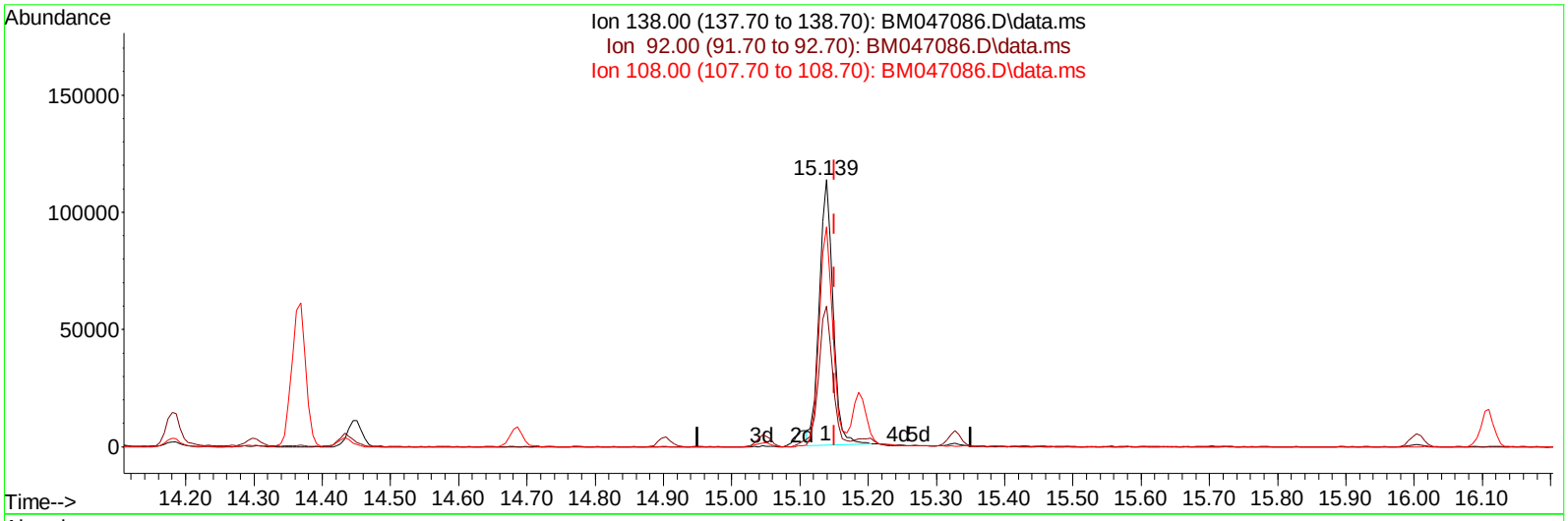

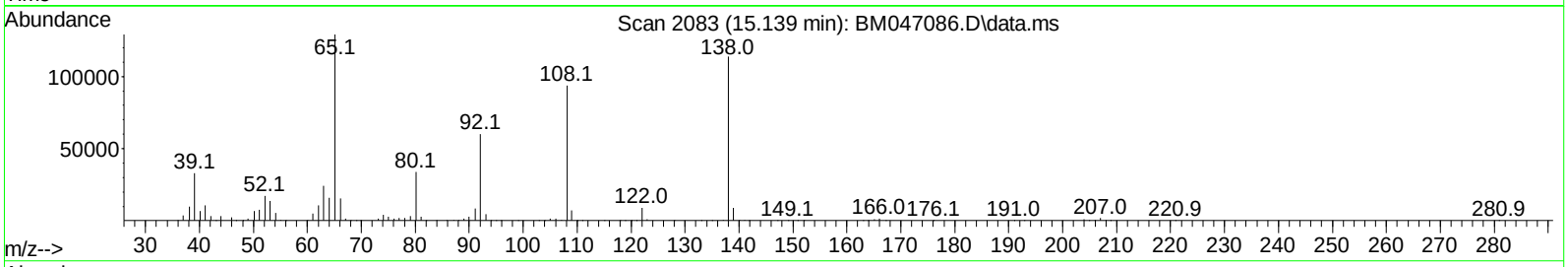

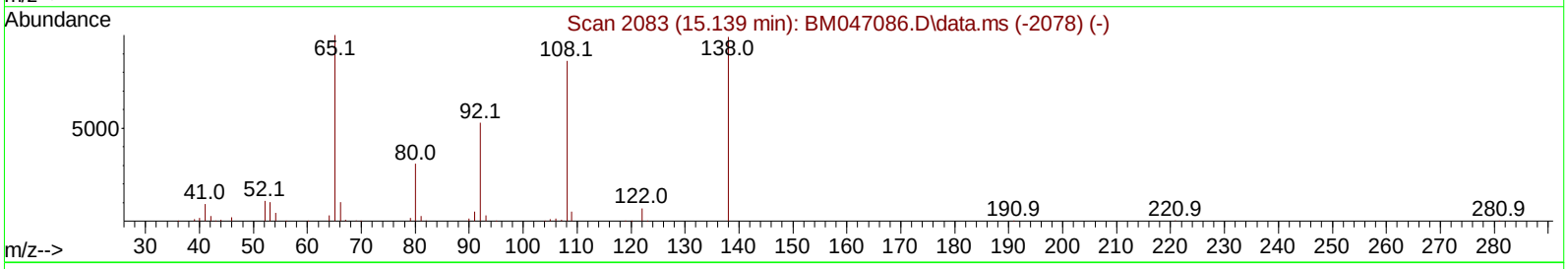

TIC: BM047086.D\data.ms

(63) 4-Nitroaniline

15.139min (-0.012) 18.93 ng/ul

response 158578

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	52.82
108.00	109.10	82.40#
0.00	0.00	0.00

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Instrument :
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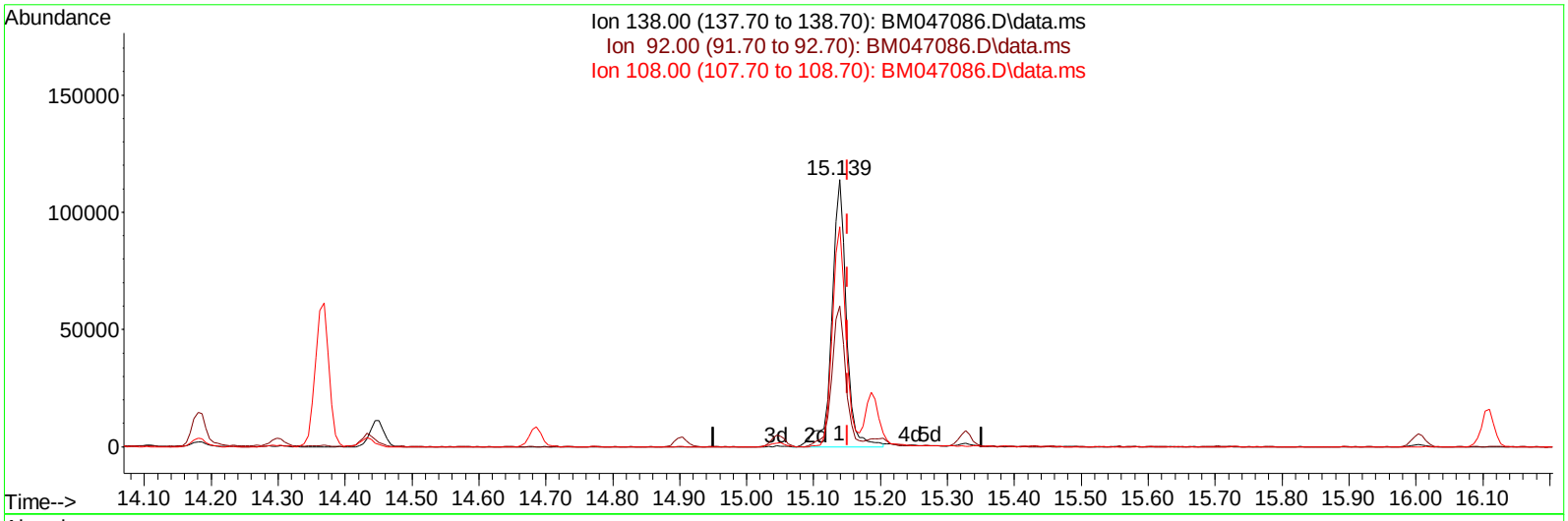

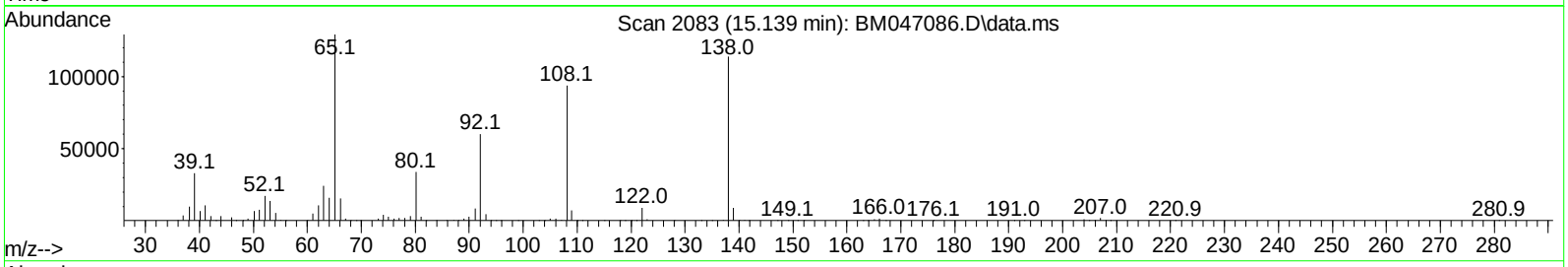

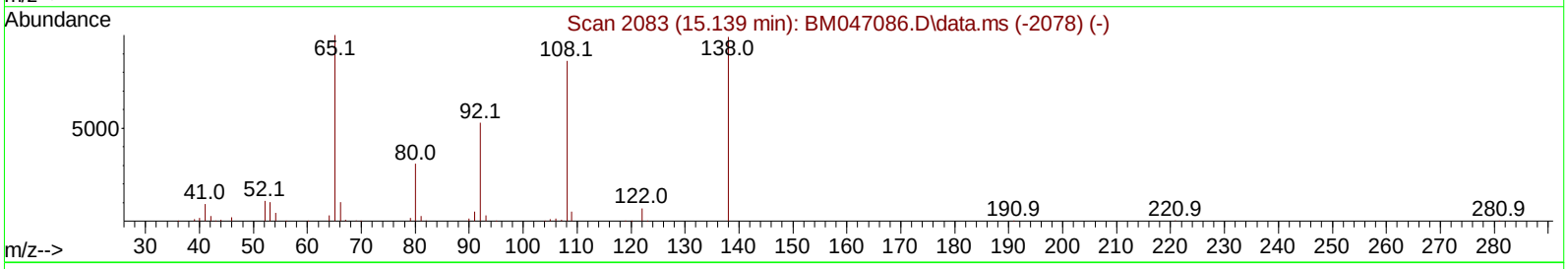

TIC: BM047086.D\data.ms

(63) 4-Nitroaniline

15.139min (-0.012) 20.50 ng/ul m

response 171766

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	52.82
108.00	109.10	82.40#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/09/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.386	152	223575	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.145	136	888667	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.045	164	558133	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.803	188	1148929	20.000	ng/ul	-0.01
79) Chrysene-d12	21.038	240	979790	20.000	ng/ul	-0.01
88) Perylene-d12	23.738	264	1117869	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	45152	8.001	ng/uL	0.00
4) Pyridine-d5	3.404	84	317324	20.615	ng/ul	0.00
7) Phenol-d5	6.592	99	364349	21.453	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.745	67	238498	21.342	ng/ul	-0.01
11) 2-Chlorophenol-d4	6.934	132	299875	20.844	ng/ul	0.00
15) 4-Methylphenol-d8	8.110	113	282811	21.020	ng/ul	-0.01
21) Nitrobenzene-d5	8.533	128	141788	19.883	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.245	143	152726	19.612	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.780	165	292879	19.589	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.292	131	384131	19.549	ng/ul	-0.01
46) Dimethylphthalate-d6	13.468	166	779331	18.262	ng/ul	-0.01
49) Acenaphthylene-d8	13.727	160	945098	19.840	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.286	143	145749	17.664	ng/ul	-0.01
60) Fluorene-d10	15.045	176	697684	19.111	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.186	200	120944	16.662	ng/ul	-0.01
73) Anthracene-d10	16.903	188	1064778	19.549	ng/ul	0.00
81) Pyrene-d10	19.215	212	1152258	20.544	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.556	264	1164209	19.778	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.046	88	47139	7.507	ng/uL	100
5) Pyridine	3.422	79	322472	21.160	ng/ul	94
6) Benzaldehyde	6.551	77	228690	23.443	ng/ul	99
8) Phenol	6.622	94	375439	21.951	ng/ul	90
10) Bis(2-Chloroethyl)ether	6.834	93	307612	21.100	ng/ul	95
12) 2-Chlorophenol	6.963	128	304824	20.914	ng/ul	99
13) 2-Methylphenol	7.845	108	272615	20.923	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.910	45	412214	23.596	ng/ul	99
16) Acetophenone	8.204	105	442768	20.909	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.198	70	230617	20.651	ng/ul	95
18) 4-Methylphenol	8.169	108	300963	21.379	ng/ul	96
19) Hexachloroethane	8.439	117	133632	18.822	ng/ul	98
22) Nitrobenzene	8.575	77	357127	18.745	ng/ul	94
23) Isophorone	9.104	82	624343	19.152	ng/ul	99
25) 2-Nitrophenol	9.275	139	168727	19.806	ng/ul	94
26) 2,4-Dimethylphenol	9.357	107	316993	18.878	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.586	93	395660	19.688	ng/ul	99
29) 2,4-Dichlorophenol	9.810	162	286403	19.206	ng/ul	98
30) Naphthalene	10.192	128	927947	19.722	ng/ul	99
32) 4-Chloroaniline	10.316	127	376338	19.722	ng/ul	100
33) Hexachlorobutadiene	10.480	225	182365	16.951	ng/ul	98
34) Caprolactam	11.098	113	84819m	18.783	ng/ul	
35) 4-Chloro-3-methylphenol	11.463	107	291397	18.951	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/09/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.816	142	635512	19.344	ng/ul	99
37) 1-Methylnaphthalene	12.045	142	640718	19.265	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.198	216	333970	19.080	ng/ul	98
40) Hexachlorocyclopentadiene	12.174	237	158459	13.743	ng/ul	99
41) 2,4,6-Trichlorophenol	12.457	196	221214	19.308	ng/ul	98
42) 2,4,5-Trichlorophenol	12.527	196	241434	19.517	ng/ul	99
43) 1,1'-Biphenyl	12.863	154	825390	19.767	ng/ul	98
44) 2-Chloronaphthalene	12.898	162	663289	20.003	ng/ul	98
45) 2-Nitroaniline	13.121	65	197979	19.647	ng/ul	98
47) Dimethylphthalate	13.521	163	789353	18.433	ng/ul	99
48) 2,6-Dinitrotoluene	13.633	165	161352	19.383	ng/ul	91
50) Acenaphthylene	13.757	152	1002407	19.925	ng/ul	99
51) 3-Nitroaniline	13.962	138	172349	20.329	ng/ul	96
52) Acenaphthene	14.110	153	704216	19.416	ng/ul	100
53) 2,4-Dinitrophenol	14.180	184	80246	13.662	ng/ul	92
55) 4-Nitrophenol	14.298	109	125616	15.042	ng/ul#	79
56) Dibenzofuran	14.451	168	976860	19.191	ng/ul	93
57) 2,4-Dinitrotoluene	14.433	165	237538	18.672	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.686	232	191831	17.444	ng/ul	95
59) Diethylphthalate	14.904	149	803666	17.446	ng/ul	99
61) Fluorene	15.104	166	782530	18.638	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.109	204	365686	17.693	ng/ul	95
63) 4-Nitroaniline	15.139	138	171766m	20.502	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.204	198	136601	17.198	ng/ul	94
67) N-Nitrosodiphenylamine	15.327	169	673814	19.786	ng/ul	99
68) 4-Bromophenyl-phenylether	16.004	248	230900	18.567	ng/ul	94
69) Hexachlorobenzene	16.109	284	276497	18.882	ng/ul	98
70) Atrazine	16.298	200	236011	17.664	ng/ul	99
71) Pentachlorophenol	16.462	266	172738	17.424	ng/ul	97
72) Phenanthrene	16.845	178	1258819	19.545	ng/ul	99
74) Anthracene	16.939	178	1267595	19.516	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.821	216	336065	20.330	ng/uL	96
76) Pentachlorobenzene	14.368	250	324951	18.991	ng/uL	98
77) Carbazole	17.215	167	1169767	19.427	ng/ul	99
78) Di-n-butylphthalate	17.803	149	1366598	17.848	ng/ul	99
80) Fluoranthene	18.880	202	1402875	20.929	ng/ul	98
82) Pyrene	19.244	202	1486767	20.816	ng/ul	96
83) Butylbenzylphthalate	20.186	149	603072	19.319	ng/ul	100
84) 3,3'-Dichlorobenzidine	20.962	252	426512	17.757	ng/ul	98
85) Benzo(a)anthracene	21.021	228	1398543	19.544	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	20.986	149	874275	19.184	ng/ul	99
87) Chrysene	21.080	228	1314282	19.257	ng/ul	99
89) Di-n-octyl phthalate	22.021	149	1458138	18.490	ng/ul	100
90) Benzo(b)fluoranthene	22.891	252	1385737	20.040	ng/ul	99
91) Benzo(k)fluoranthene	22.950	252	1391470	20.363	ng/ul	98
93) Benzo(a)pyrene	23.615	252	1296923	20.132	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.738	276	1605080	19.447	ng/ul	99
95) Dibenzo(a,h)anthracene	26.791	278	1297818	19.576	ng/ul	97
96) Benzo(g,h,i)perylene	27.667	276	1246699	19.118	ng/ul	97

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

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