Quantitation Report (Qedit)

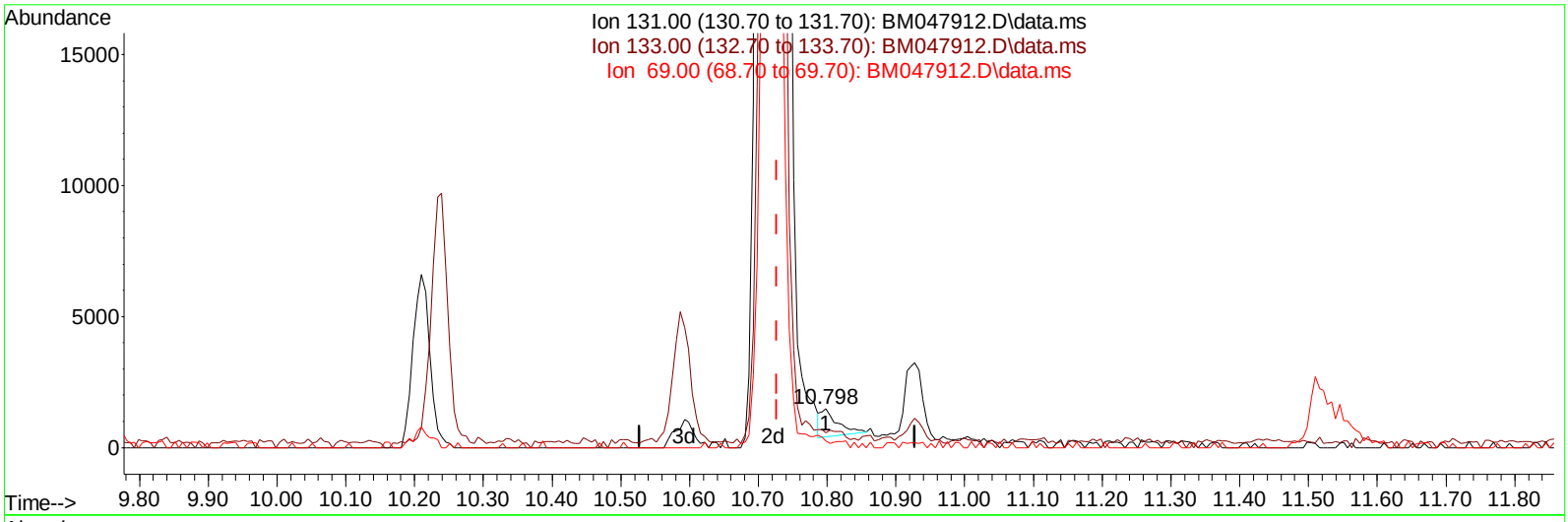
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047912.D
Acq On : 08 Oct 2024 10:52
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

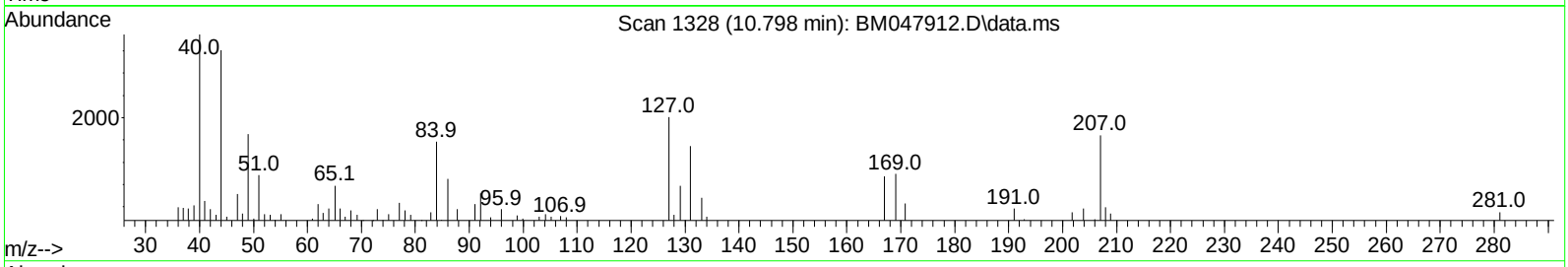
Quant Time: Oct 08 11:28:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

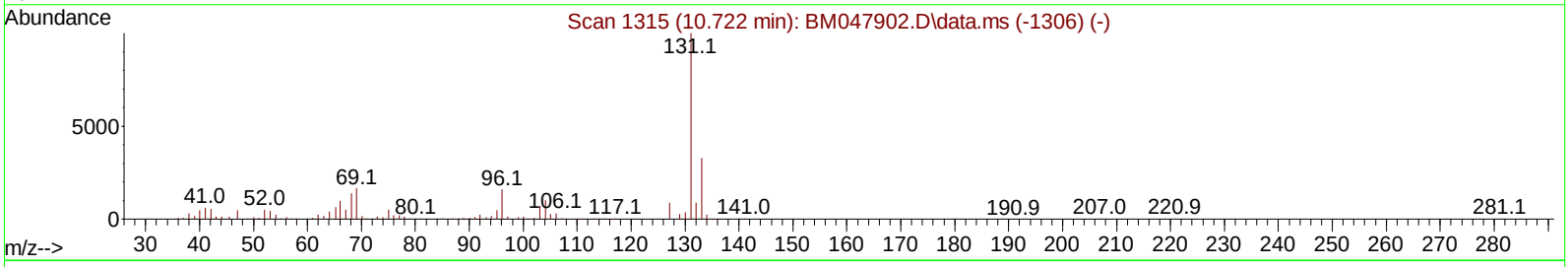
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/11/2024







TIC: BM047912.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.798min (+ 0.071) 0.07 ng/ul

response 1830

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.00	37.63
69.00	20.90	16.97
0.00	0.00	0.00

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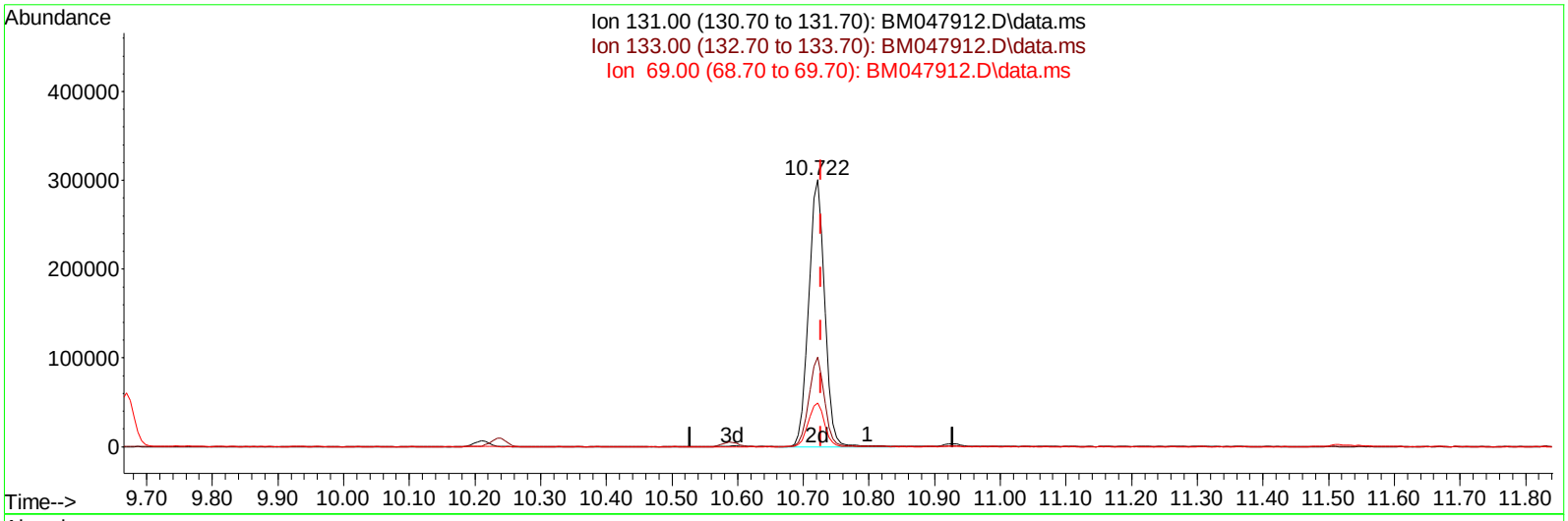

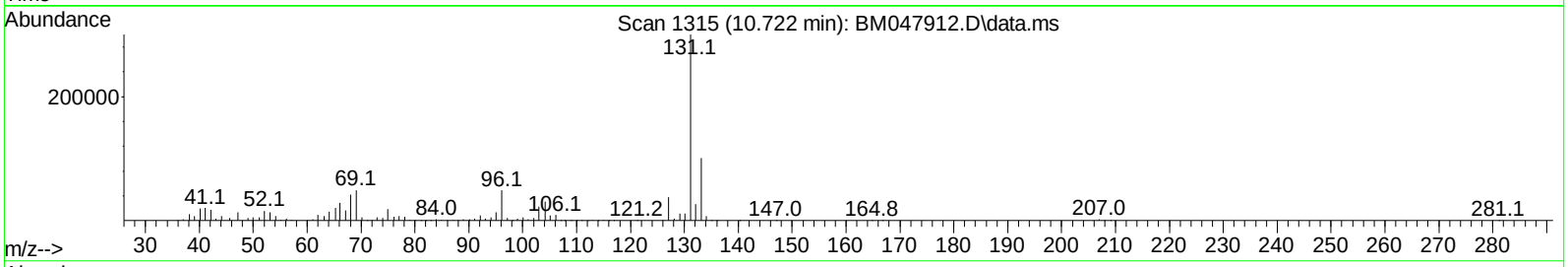

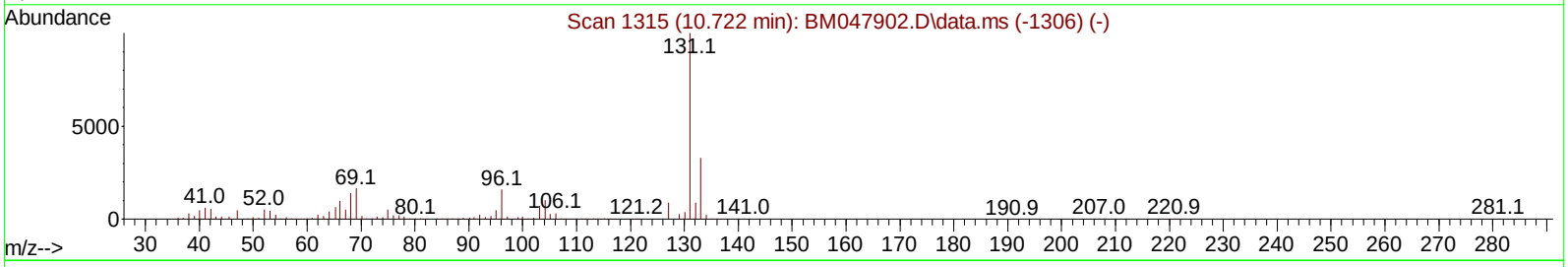

TIC: BM047912.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.722min (-0.006) 18.61 ng/ul m

response 513147

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.00	33.68
69.00	20.90	16.34#
0.00	0.00	0.00

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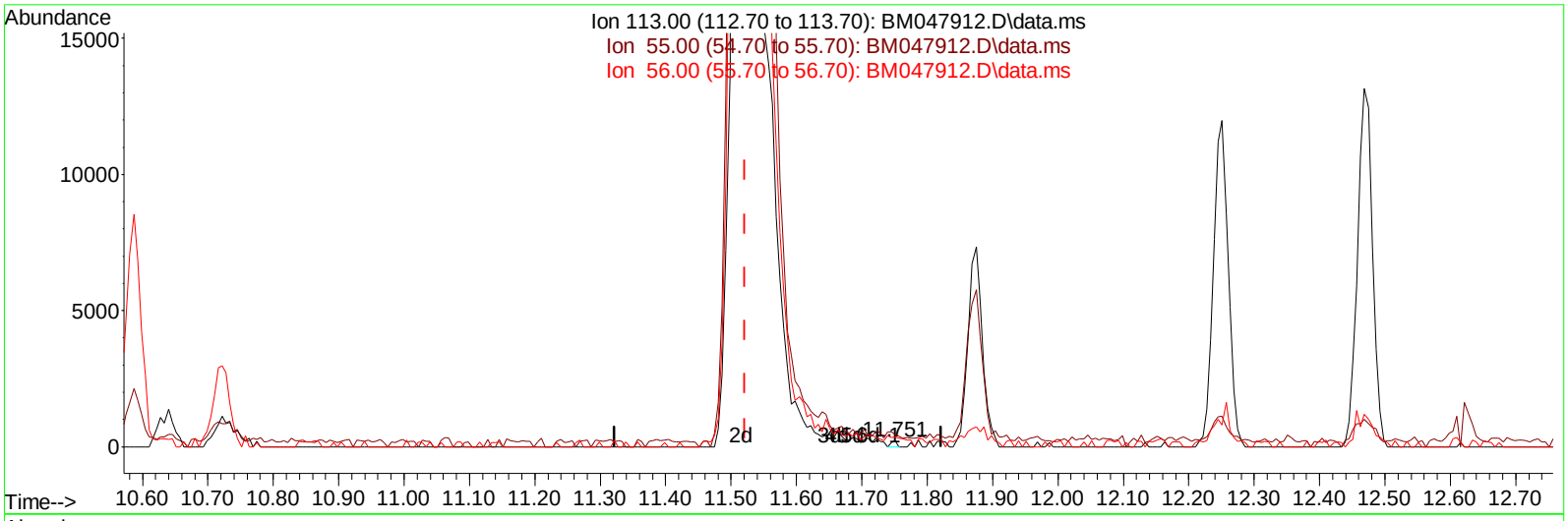

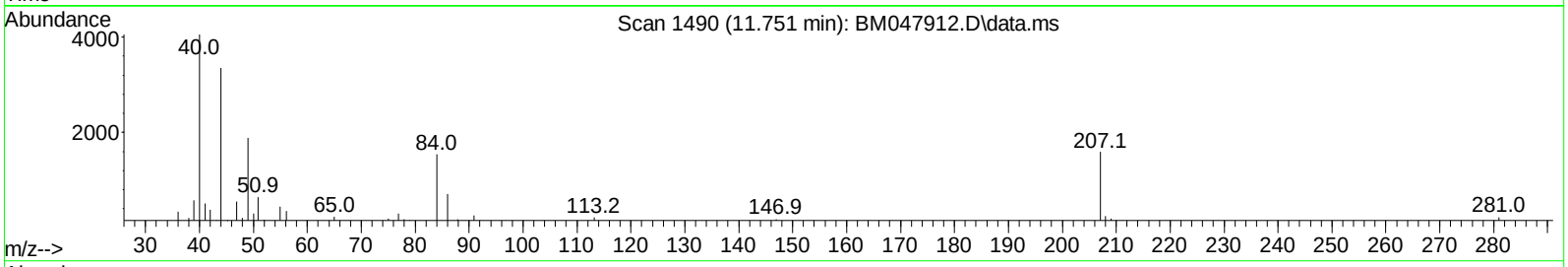

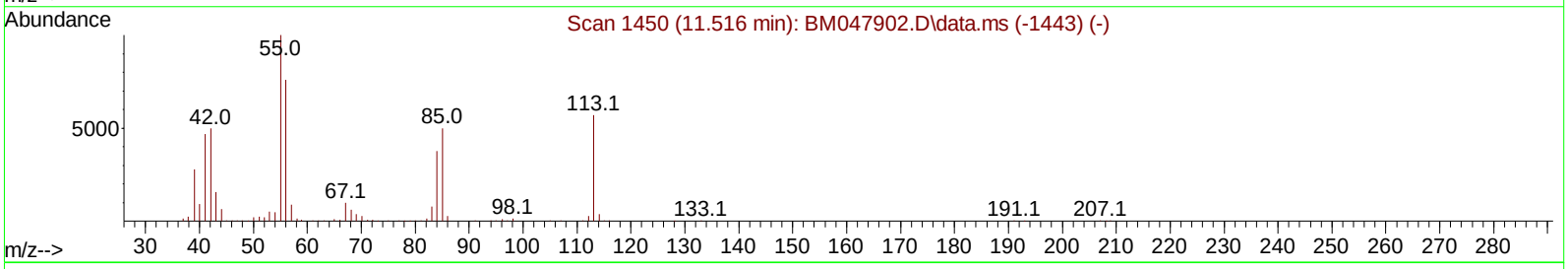

TIC: BM047912.D\data.ms

(34) Caprolactam

11.751min (+ 0.230) 0.02 ng/ul

response 132

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	201.83
56.00	164.10	159.82
0.00	0.00	0.00

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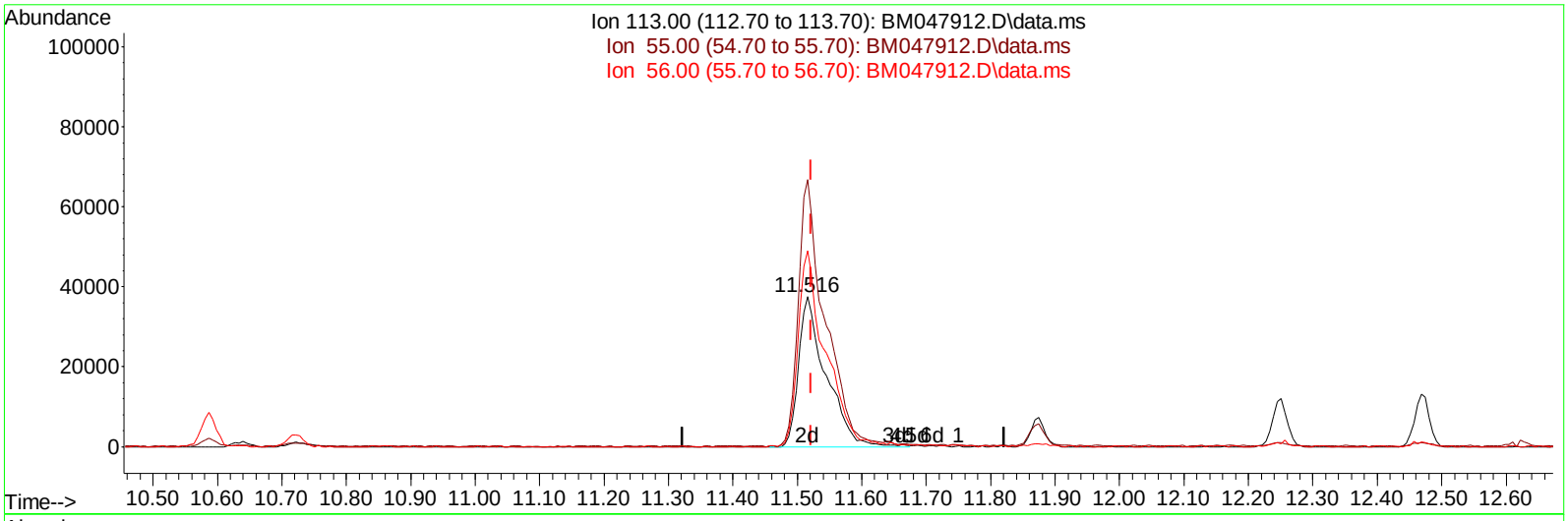

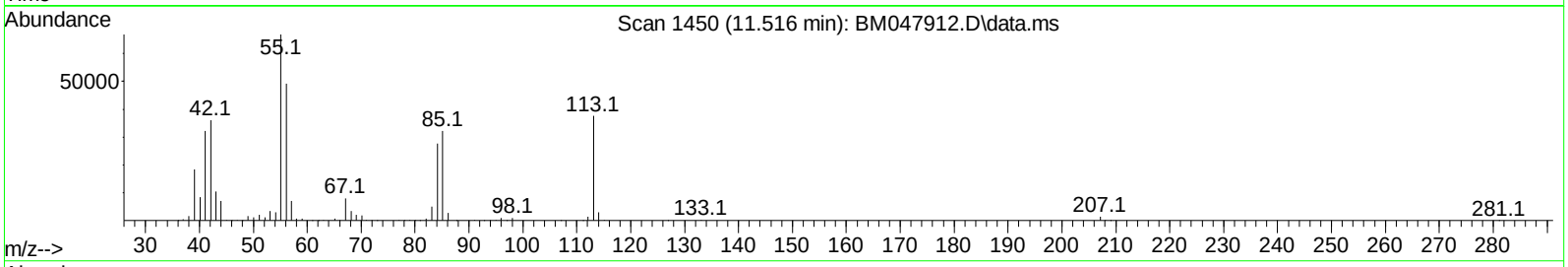

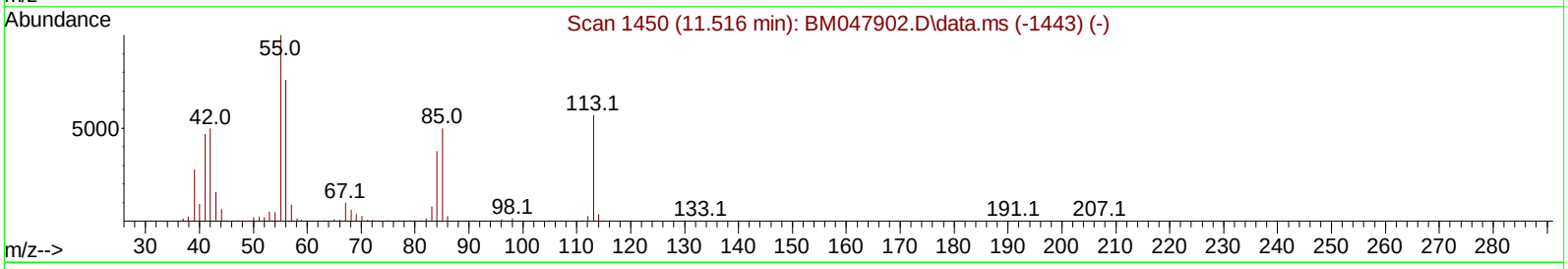

TIC: BM047912.D\data.ms

(34) Caprolactam

11.516min (-0.006) 18.90 ng/ul m

response 111336

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	177.51
56.00	164.10	130.45#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	284890	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	1170184	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	719273	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1423567	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1297064	20.000	ng/ul	0.00
88) Perylene-d12	24.391	264	1436002	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	54742	6.210	ng/uL	0.00
4) Pyridine-d5	3.663	84	404276	15.662	ng/ul	0.00
7) Phenol-d5	6.963	99	467208	17.343	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	292054	15.278	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	392544	20.028	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	369643	18.455	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	189429	20.331	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	198141	22.192	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	378239	21.206	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	513147m	18.609	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	1009662	19.362	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	1198135	19.378	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	194257	18.710	ng/ul	0.00
60) Fluorene-d10	15.421	176	878182	19.442	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	148996	17.886	ng/ul	0.00
73) Anthracene-d10	17.268	188	1349365	19.277	ng/ul	0.00
81) Pyrene-d10	19.556	212	1498597	20.357	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	1416227	19.008	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	61858	6.424	ng/uL#	85
5) Pyridine	3.687	79	428018	15.751	ng/ul	88
6) Benzaldehyde	6.934	77	255951	17.471	ng/ul	92
8) Phenol	6.993	94	474335	16.548	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.216	93	387688	16.974	ng/ul	91
12) 2-Chlorophenol	7.363	128	395055	19.026	ng/ul	93
13) 2-Methylphenol	8.240	108	360958	18.059	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	583905	13.580	ng/ul#	94
16) Acetophenone	8.616	105	588919	17.184	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.598	70	298926	16.468	ng/ul	89
18) 4-Methylphenol	8.563	108	391790	17.443	ng/ul	100
19) Hexachloroethane	8.875	117	169592	18.171	ng/ul	89
22) Nitrobenzene	8.992	77	438574	16.571	ng/ul	92
23) Isophorone	9.522	82	831618	17.565	ng/ul#	94
25) 2-Nitrophenol	9.704	139	214144	20.965	ng/ul#	85
26) 2,4-Dimethylphenol	9.763	107	401753	18.356	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.998	93	515910	17.816	ng/ul	98
29) 2,4-Dichlorophenol	10.234	162	374283	20.323	ng/ul	98
30) Naphthalene	10.639	128	1262966	18.763	ng/ul	100
32) 4-Chloroaniline	10.745	127	491102	18.088	ng/ul	99
33) Hexachlorobutadiene	10.928	225	240914	19.798	ng/ul	97
34) Caprolactam	11.516	113	111336m	18.902	ng/ul	
35) 4-Chloro-3-methylphenol	11.875	107	367771	19.291	ng/ul	93

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.251	142	831344	19.439	ng/ul	96
37) 1-Methylnaphthalene	12.469	142	857688	19.711	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.622	216	444669	18.991	ng/ul#	97
40) Hexachlorocyclopentadiene	12.604	237	274622	19.392	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	284451	20.997	ng/ul	100
42) 2,4,5-Trichlorophenol	12.933	196	301887	20.378	ng/ul	96
43) 1,1'-Biphenyl	13.263	154	1073368	18.638	ng/ul#	97
44) 2-Chloronaphthalene	13.304	162	843902	18.947	ng/ul	97
45) 2-Nitroaniline	13.504	65	231137	16.347	ng/ul#	82
47) Dimethylphthalate	13.886	163	1015949	19.237	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	195600	21.089	ng/ul#	84
50) Acenaphthylene	14.151	152	1386531	19.885	ng/ul	99
51) 3-Nitroaniline	14.327	138	214376	19.097	ng/ul	89
52) Acenaphthene	14.492	153	910693	18.476	ng/ul	99
53) 2,4-Dinitrophenol	14.539	184	115984	20.237	ng/ul#	73
55) 4-Nitrophenol	14.639	109	142025	16.292	ng/ul	91
56) Dibenzofuran	14.827	168	1242492	18.727	ng/ul	97
57) 2,4-Dinitrotoluene	14.786	165	283582	20.357	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.057	232	254551	21.799	ng/ul#	96
59) Diethylphthalate	15.251	149	1024650	19.391	ng/ul	98
61) Fluorene	15.474	166	1021044	18.446	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	501432	19.170	ng/ul	96
63) 4-Nitroaniline	15.492	138	227526	20.870	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.551	198	163675	17.731	ng/ul#	84
67) N-Nitrosodiphenylamine	15.680	169	834081	18.803	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	299088	20.382	ng/ul	95
69) Hexachlorobenzene	16.480	284	346535	20.293	ng/ul	93
70) Atrazine	16.633	200	260596	17.648	ng/ul	98
71) Pentachlorophenol	16.821	266	221099	20.362	ng/ul	99
72) Phenanthrene	17.210	178	1563129	18.724	ng/ul	99
74) Anthracene	17.304	178	1615722	18.976	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.227	216	432668	18.357	ng/uL	99
76) Pentachlorobenzene	14.751	250	422816	18.378	ng/uL	99
77) Carbazole	17.568	167	1448204	18.764	ng/ul	99
78) Di-n-butylphthalate	18.133	149	1767103	20.566	ng/ul	98
80) Fluoranthene	19.221	202	1783299	20.569	ng/ul	98
82) Pyrene	19.586	202	1876382	19.445	ng/ul#	94
83) Butylbenzylphthalate	20.480	149	752677	22.063	ng/ul	85
84) 3,3'-Dichlorobenzidine	21.298	252	497773	18.162	ng/ul	99
85) Benzo(a)anthracene	21.374	228	1800707	19.828	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	1123703	21.939	ng/ul	99
87) Chrysene	21.439	228	1673597	18.903	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	1894646	20.455	ng/ul	100
90) Benzo(b)fluoranthene	23.444	252	1731767	19.338	ng/ul	99
91) Benzo(k)fluoranthene	23.509	252	1753318	19.147	ng/ul	98
93) Benzo(a)pyrene	24.250	252	1639070	19.272	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.768	276	1990332	18.261	ng/ul	98
95) Dibenzo(a,h)anthracene	27.827	278	1654848	18.527	ng/ul	97
96) Benzo(g,h,i)perylene	28.826	276	1600742	18.745	ng/ul	97

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

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