Quantitation Report (Qedit)

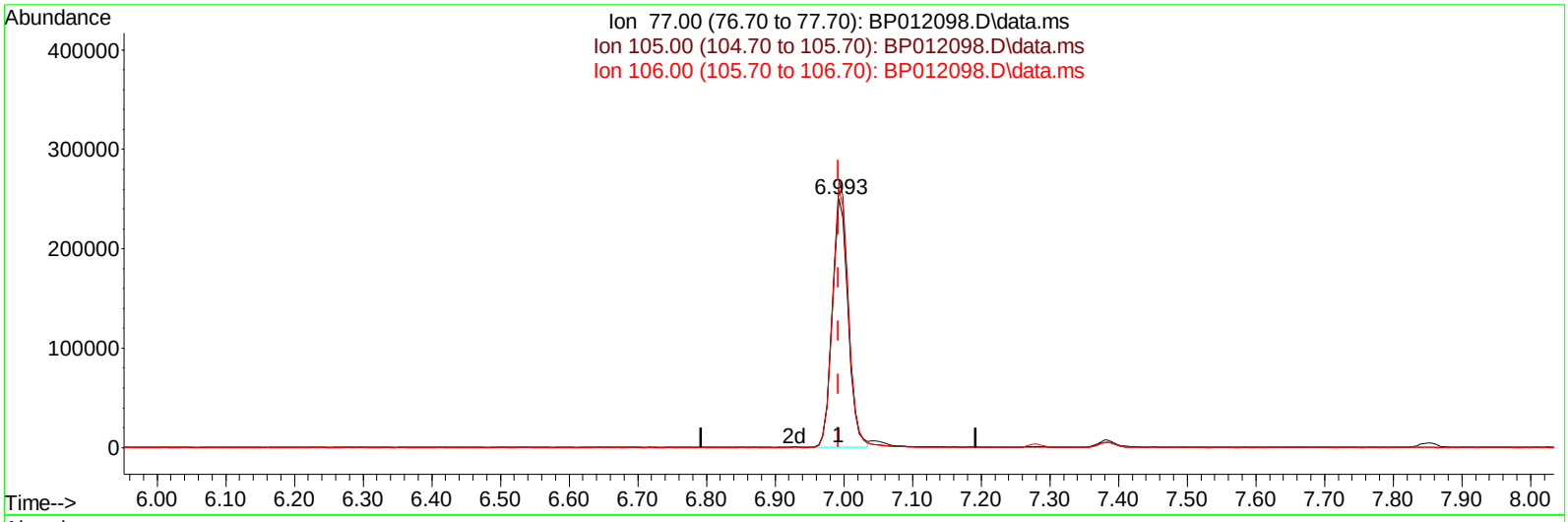
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012098.D
Acq On : 13 Oct 2022 01:33
Operator : CG/JU
Sample : PB148213BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

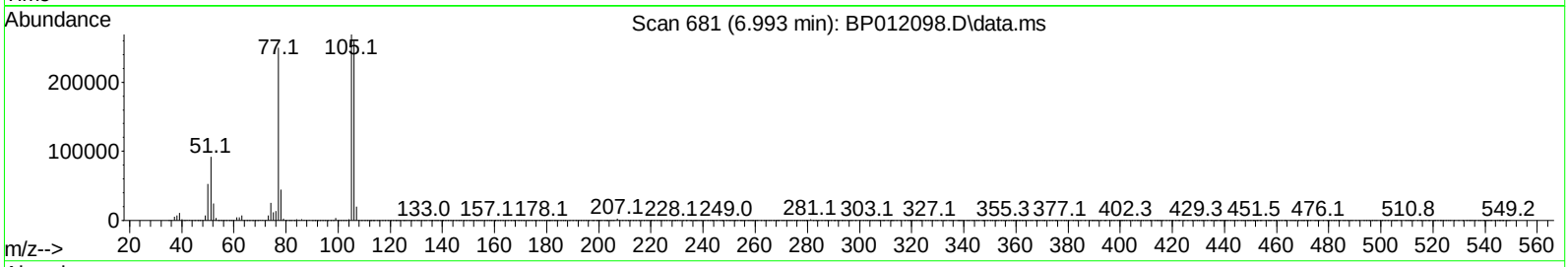
Quant Time: Oct 13 03:20:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration

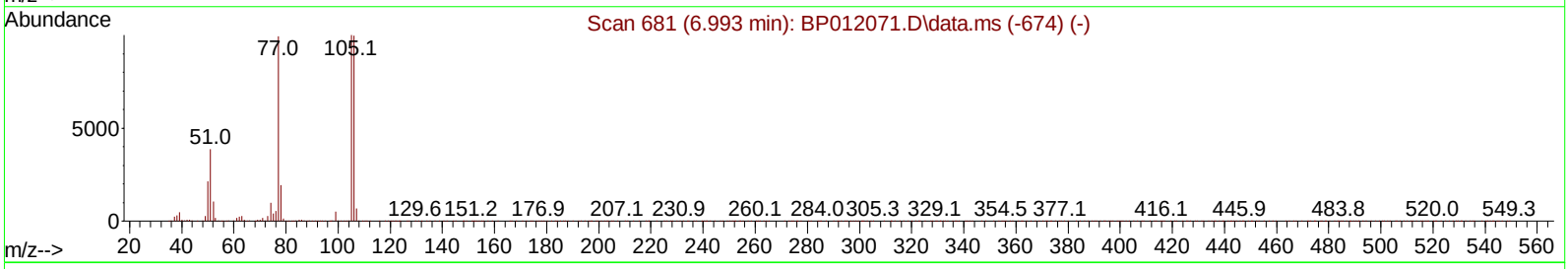
Instrument :
BNA_P
ClientSampleId :
SLCS213

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022







TIC: BP012098.D\data.ms

(6) Benzaldehyde

6.993min (+ 0.000) 44.23 ng/ul

response 399162

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	106.50	107.55
106.00	103.90	103.84
0.00	0.00	0.00

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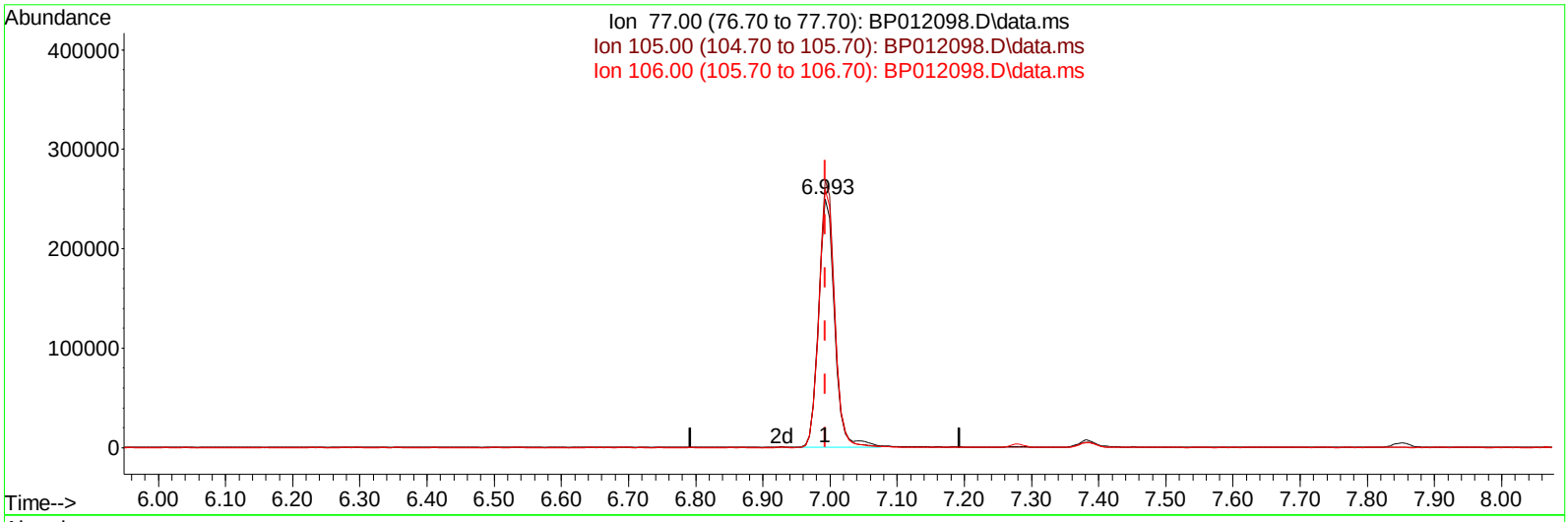

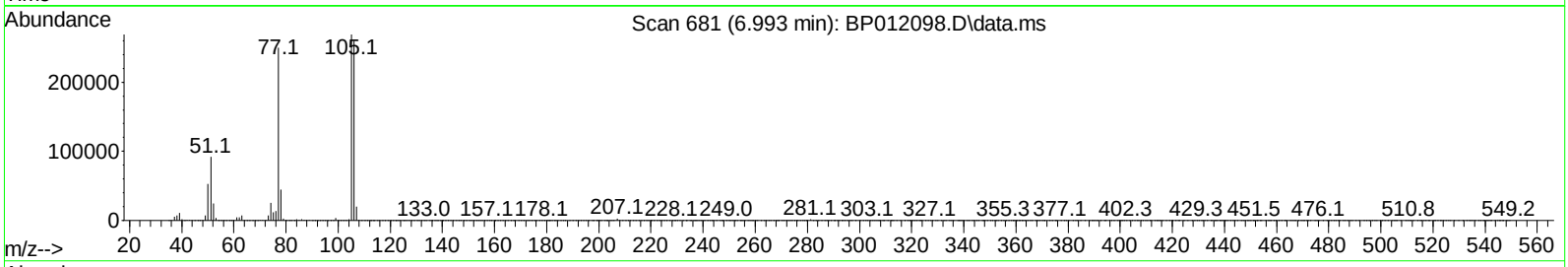

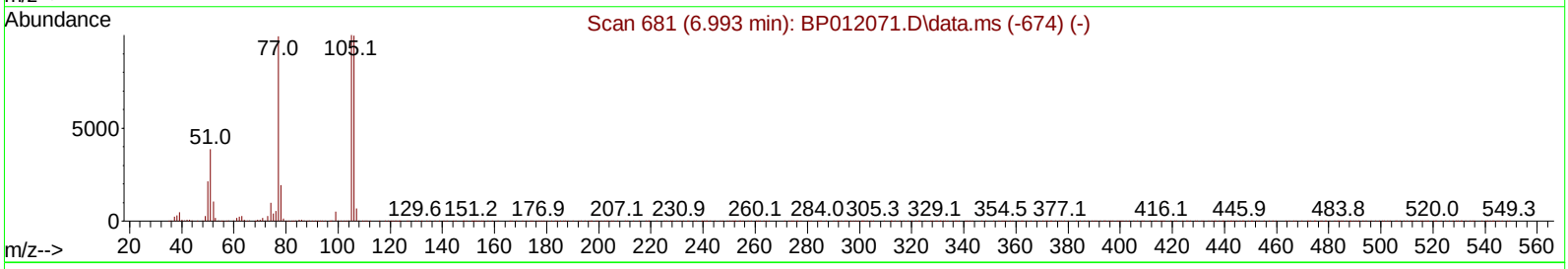

TIC: BP012098.D\data.ms

(6) Benzaldehyde

6.993min (+ 0.000) 45.50 ng/ul m

response 410575

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	106.50	107.55
106.00	103.90	103.84
0.00	0.00	0.00

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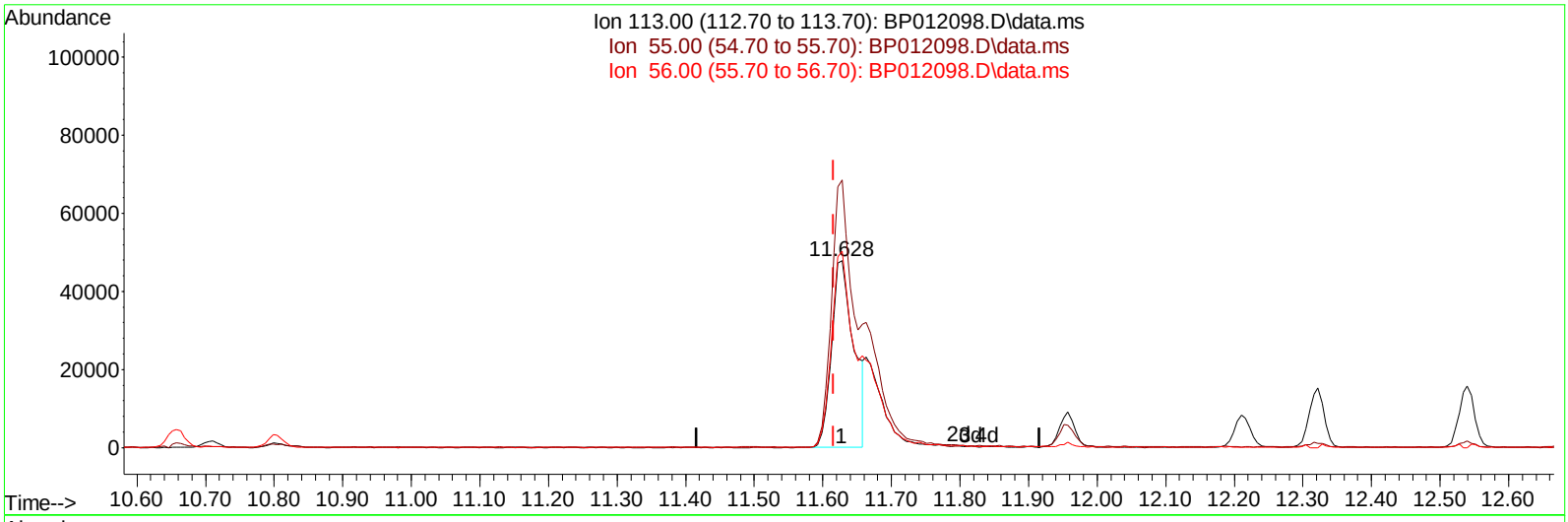

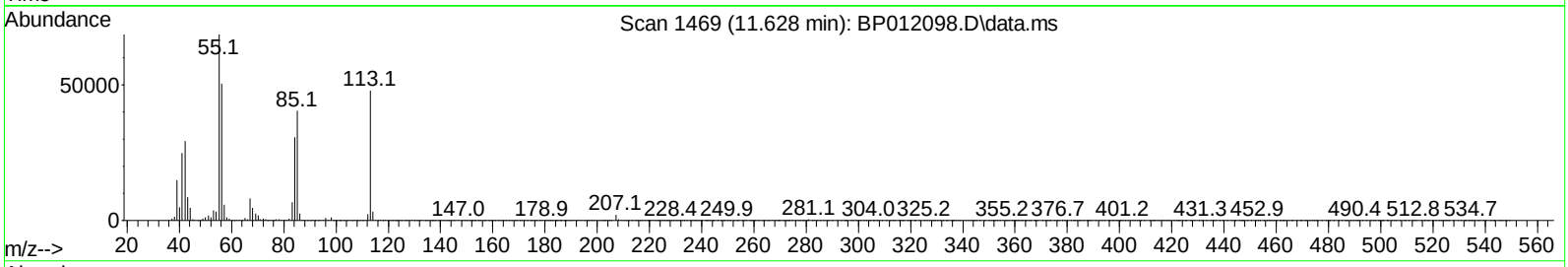

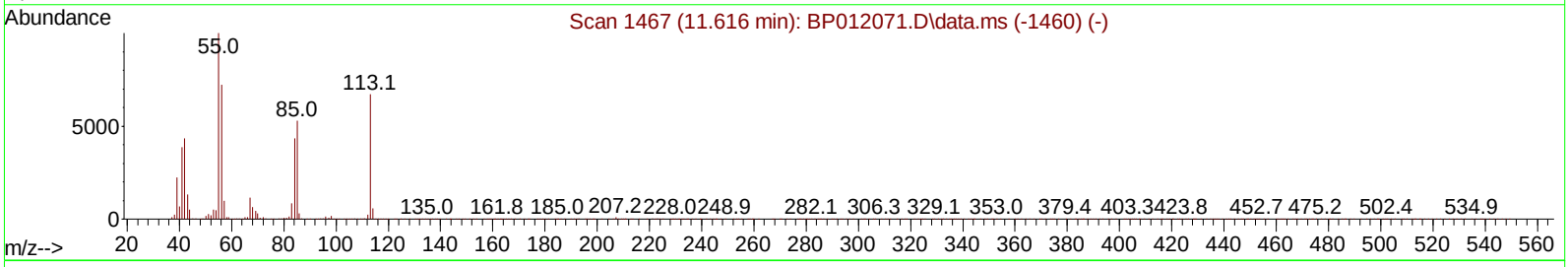

TIC: BP012098.D\data.ms

(34) Caprolactam

11.628min (+ 0.012) 28.11 ng/ul

response 107086

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	144.00	142.97
56.00	107.00	105.18
0.00	0.00	0.00

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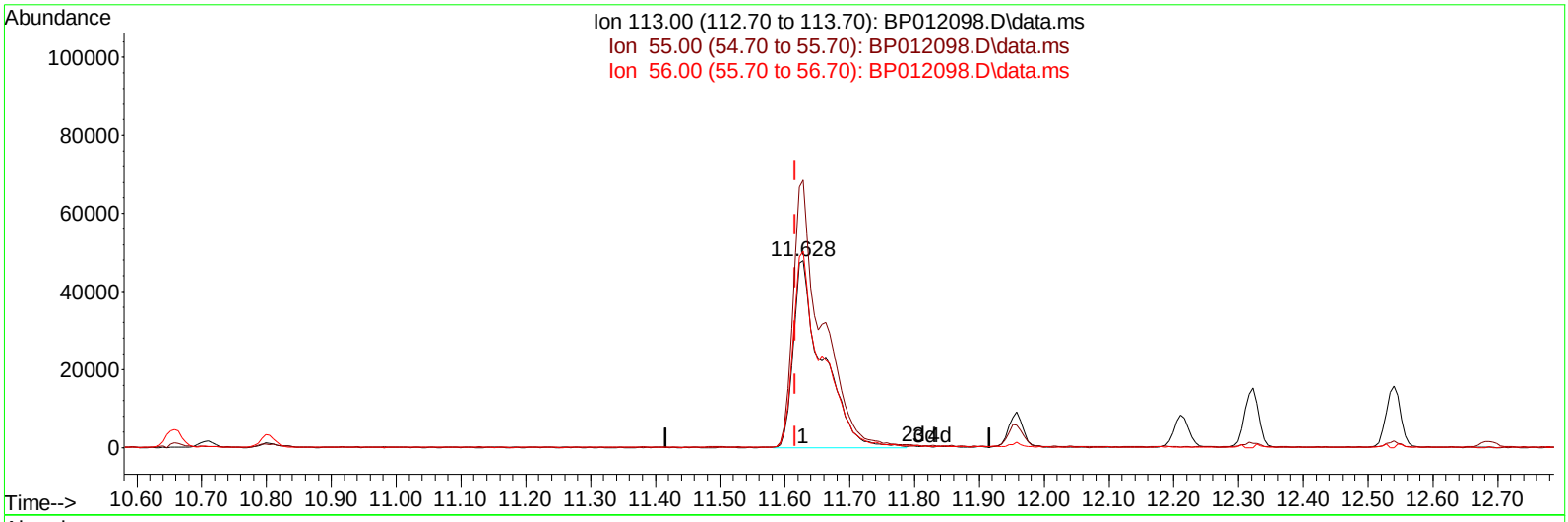

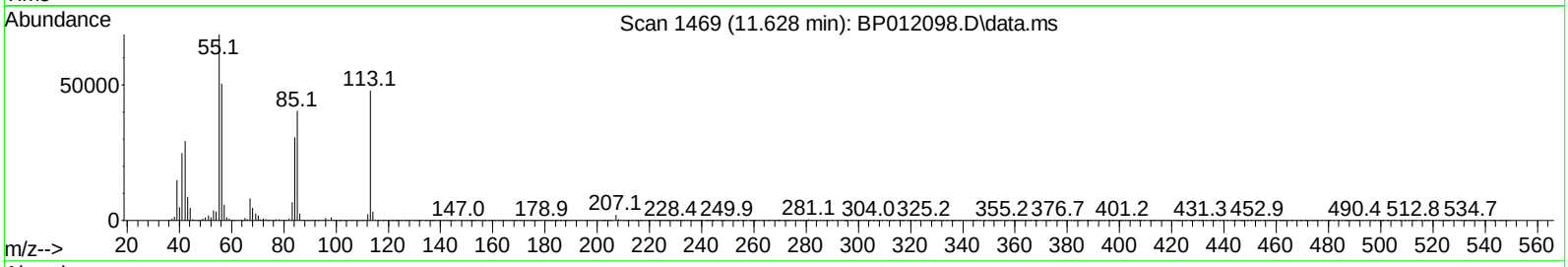

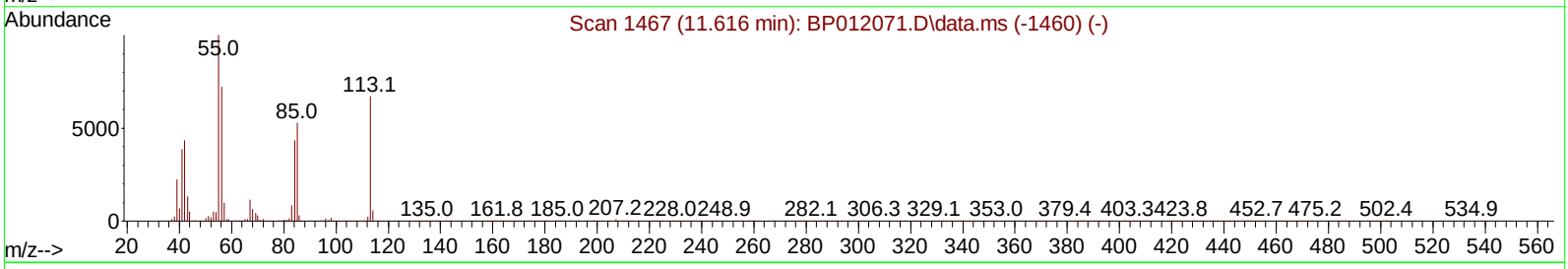

TIC: BP012098.D\data.ms

(34) Caprolactam

11.628min (+ 0.012) 39.55 ng/ul m

response 150631

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	144.00	142.97
56.00	107.00	105.18
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	239156	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	950380	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	544391	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	1129424	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	1233947	20.000	ng/ul	0.00
88) Perylene-d12	23.763	264	1320538	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	40192	6.626	ng/uL	0.00
4) Pyridine-d5	3.699	84	511668	31.718	ng/ul	0.00
7) Phenol-d5	7.022	99	696099	36.190	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	377233	34.552	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	573622	37.571	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	524066	35.473	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	268379	39.985	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	295172	43.370	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	518425	39.304	ng/ul	0.00
31) 4-Chloroaniline-d4	10.805	131	661448	34.030	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	1292564	37.490	ng/ul	0.00
49) Acenaphthylene-d8	14.193	160	1617075	37.930	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	286708	42.358	ng/ul	0.00
60) Fluorene-d10	15.493	176	1177425	37.746	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	230631	38.672	ng/ul	0.00
73) Anthracene-d10	17.357	188	1855495	37.833	ng/ul	0.00
81) Pyrene-d10	19.592	212	2255265	35.676	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.610	264	2454139	38.230	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	81773	12.811	ng/uL	98
5) Pyridine	3.717	79	516628	33.425	ng/ul	96
6) Benzaldehyde	6.993	77	410575m	45.496	ng/ul	
8) Phenol	7.052	94	686803	34.013	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	536031	33.646	ng/ul	99
12) 2-Chlorophenol	7.416	128	582346	35.145	ng/ul	98
13) 2-Methylphenol	8.305	108	512266	34.014	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	507530	31.080	ng/ul	98
16) Acetophenone	8.681	105	775509	34.048	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	343908	33.151	ng/ul	97
18) 4-Methylphenol	8.634	108	546893	33.690	ng/ul	97
19) Hexachloroethane	8.928	117	223307	34.912	ng/ul	98
22) Nitrobenzene	9.063	77	548868	35.672	ng/ul	95
23) Isophorone	9.593	82	978892	35.867	ng/ul	99
25) 2-Nitrophenol	9.775	139	313513	39.209	ng/ul	95
26) 2,4-Dimethylphenol	9.834	107	524578	33.686	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	651513	34.787	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	505851	36.493	ng/ul	98
30) Naphthalene	10.710	128	1741355	34.673	ng/ul	100
32) 4-Chloroaniline	10.828	127	647070	32.289	ng/ul	99
33) Hexachlorobutadiene	10.987	225	307814	35.811	ng/ul	99
34) Caprolactam	11.628	113	150631m	39.546	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	491475	37.426	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.322	142	1116467	34.524	ng/ul	98
37) 1-Methylnaphthalene	12.540	142	1115772	34.453	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	573383	34.456	ng/ul	100
40) Hexachlorocyclopentadiene	12.663	237	242801	30.039	ng/ul	98
41) 2,4,6-Trichlorophenol	12.934	196	380322	37.940	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	413864	37.989	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	1419562	34.541	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	1139451	34.719	ng/ul	100
45) 2-Nitroaniline	13.587	65	279866	39.976	ng/ul	95
47) Dimethylphthalate	13.963	163	1288993	35.485	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	272937	42.440	ng/ul	92
50) Acenaphthylene	14.222	152	1740120	36.072	ng/ul	99
51) 3-Nitroaniline	14.416	138	306885	40.980	ng/ul	97
52) Acenaphthene	14.563	153	1188539	34.609	ng/ul	99
53) 2,4-Dinitrophenol	14.622	184	151674	36.507	ng/ul	99
55) 4-Nitrophenol	14.728	109	184991	39.532	ng/ul	97
56) Dibenzofuran	14.898	168	1626058	35.035	ng/ul	98
57) 2,4-Dinitrotoluene	14.875	165	401421	43.431	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.128	232	341603	40.229	ng/ul	98
59) Diethylphthalate	15.328	149	1251344	37.615	ng/ul	99
61) Fluorene	15.551	166	1317657	36.167	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	624669	35.443	ng/ul	98
63) 4-Nitroaniline	15.581	138	342064	50.025	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.640	198	232639	36.084	ng/ul#	92
67) N-Nitrosodiphenylamine	15.763	169	1113959	33.322	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	383293	34.876	ng/ul	96
69) Hexachlorobenzene	16.557	284	445565	34.930	ng/ul	96
70) Atrazine	16.722	200	390971	38.032	ng/ul	100
71) Pentachlorophenol	16.910	266	292727	39.168	ng/ul	99
72) Phenanthrene	17.304	178	2159288	35.155	ng/ul	100
74) Anthracene	17.392	178	2165340	35.624	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	592268	32.452	ng/uL	99
76) Pentachlorobenzene	14.816	250	538996	30.071	ng/uL	99
77) Carbazole	17.669	167	2058823	37.978	ng/ul	99
78) Di-n-butylphthalate	18.216	149	2149376	39.953	ng/ul	100
80) Fluoranthene	19.269	202	2635405	34.022	ng/ul	99
82) Pyrene	19.622	202	2774089	33.841	ng/ul	98
83) Butylbenzylphthalate	20.492	149	1101214	42.377	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.269	252	981603	36.100	ng/ul	99
85) Benzo(a)anthracene	21.333	228	2810137	36.180	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.251	149	1518780	43.354	ng/ul	100
87) Chrysene	21.386	228	2656420	35.531	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	2710962	41.005	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	3011416	36.027	ng/ul	98
91) Benzo(k)fluoranthene	23.074	252	2904924	35.331	ng/ul	99
93) Benzo(a)pyrene	23.663	252	2691481	36.091	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.286	276	3515516	37.283	ng/ul	98
95) Dibenzo(a,h)anthracene	26.304	278	2998119	35.442	ng/ul	99
96) Benzo(g,h,i)perylene	27.062	276	2964776	34.873	ng/ul	98

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

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