Quantitation Report (Qedit)

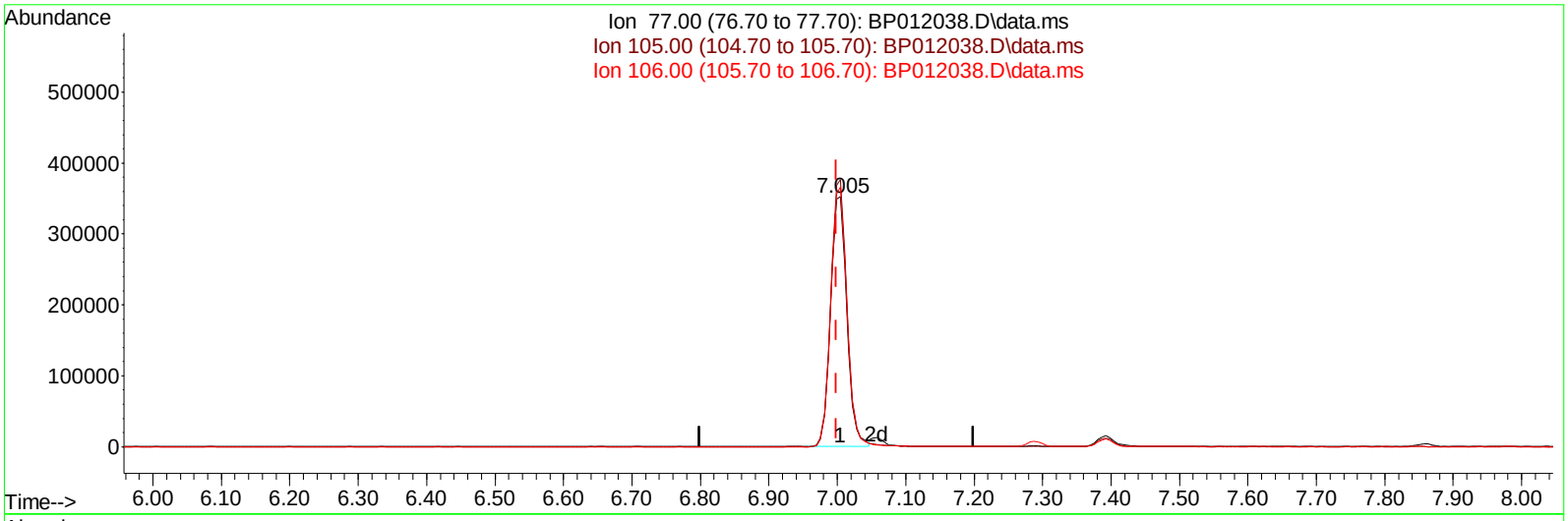
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012038.D
Acq On : 11 Oct 2022 13:44
Operator : CG/JU
Sample : SSTD08072
Misc :
ALS Vial : 7 Sample Multiplier: 1

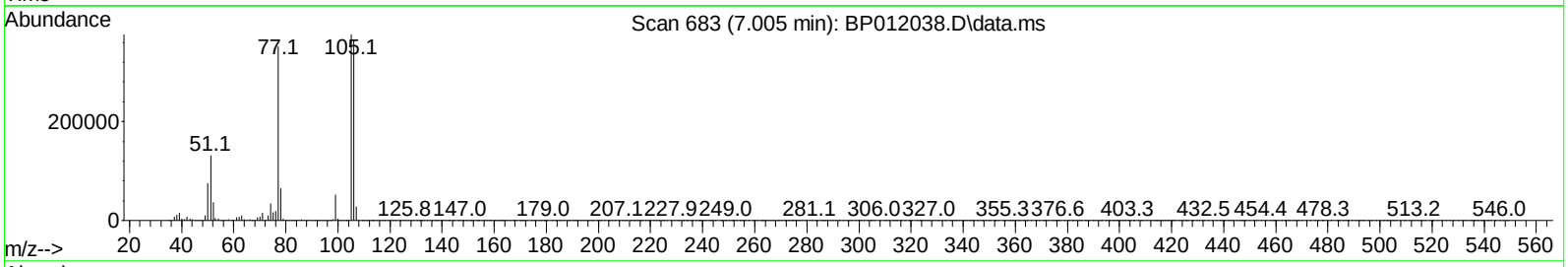
Quant Time: Oct 11 23:06:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 23:01:01 2022
Response via : Initial Calibration

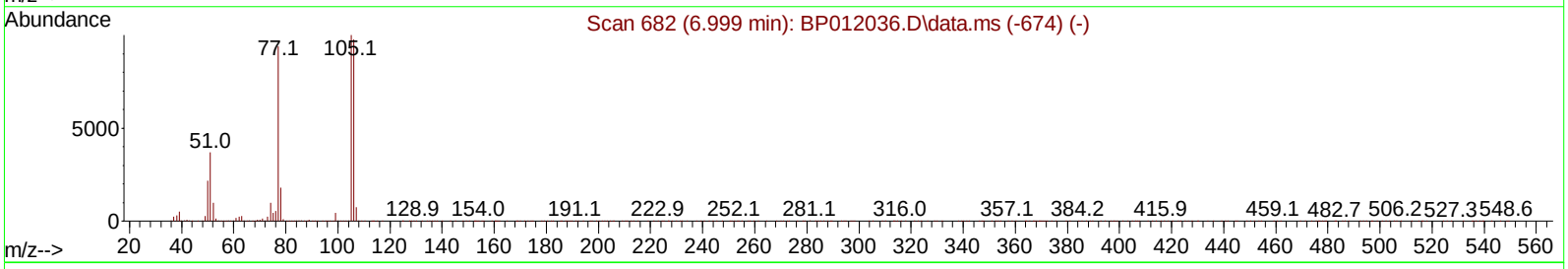
Instrument :
BNA_P
ClientSampleId :
SSTD080635

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/14/2022







TIC: BP012038.D\data.ms

(6) Benzaldehyde

7.005min (+ 0.006) 66.04 ng/ul

response 582452

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	106.50	106.81
106.00	103.90	104.00
0.00	0.00	0.00

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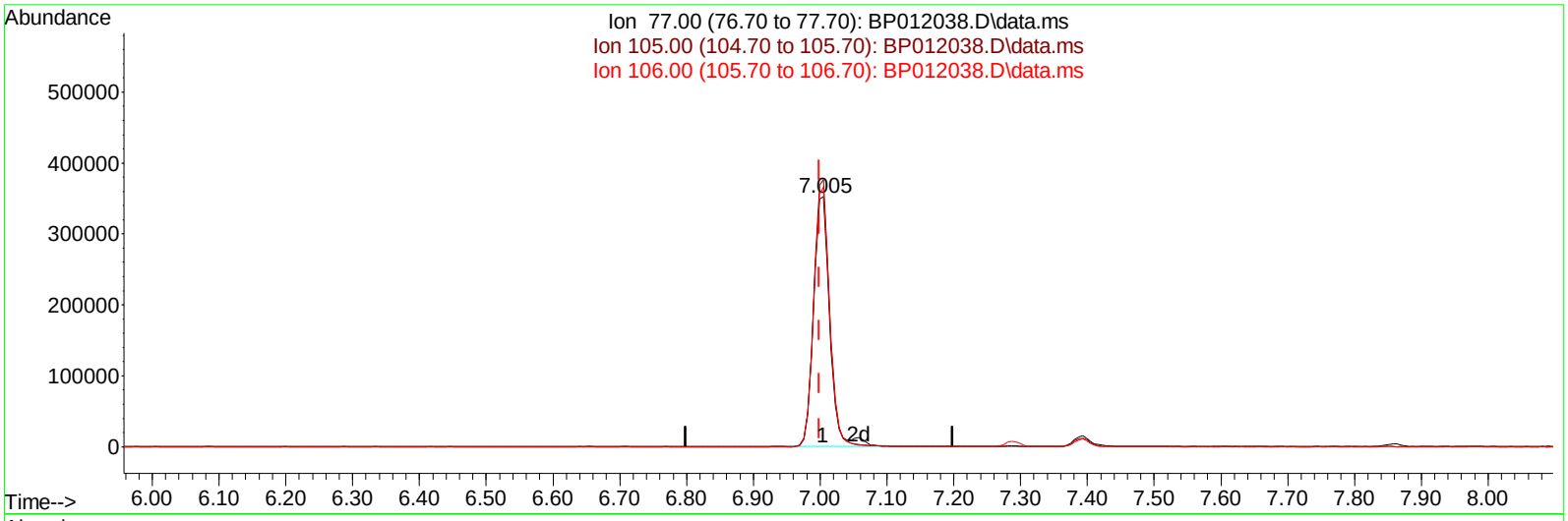

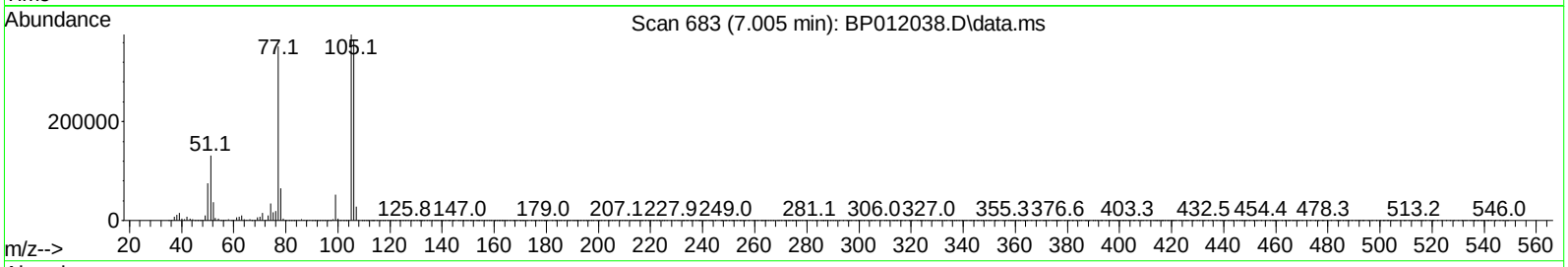

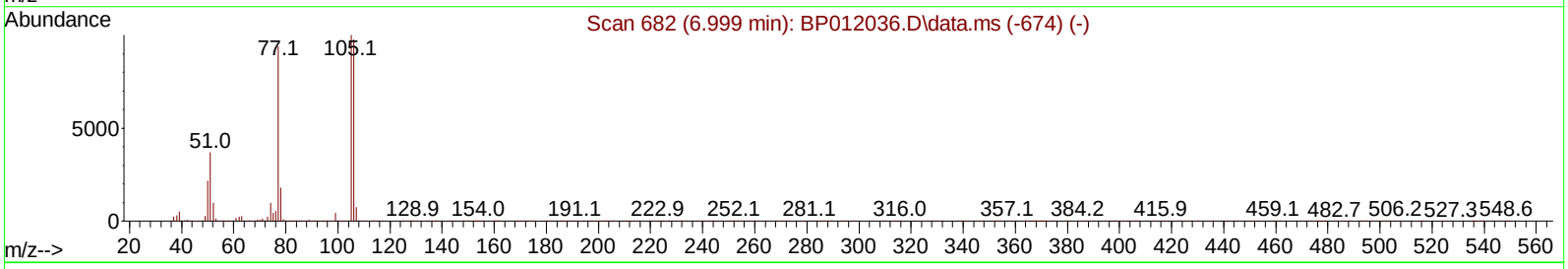

TIC: BP012038.D\data.ms

(6) Benzaldehyde

7.005min (+ 0.006) 68.05 ng/ul m

response 600199

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	106.50	106.81
106.00	103.90	104.00
0.00	0.00	0.00

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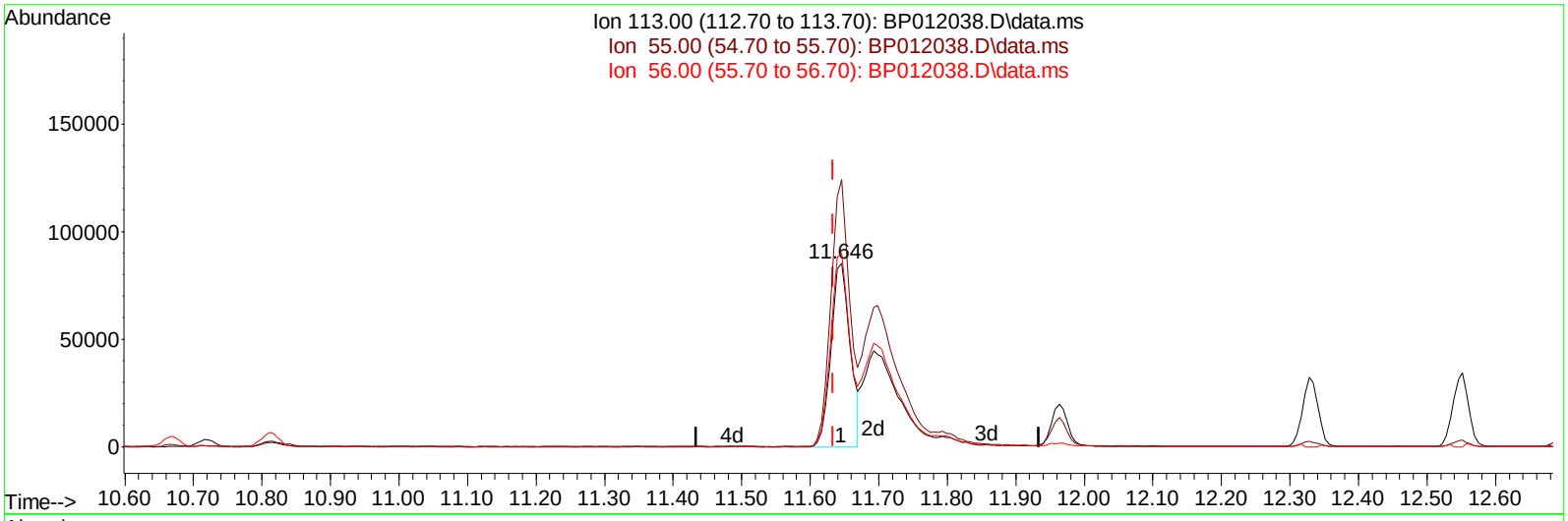

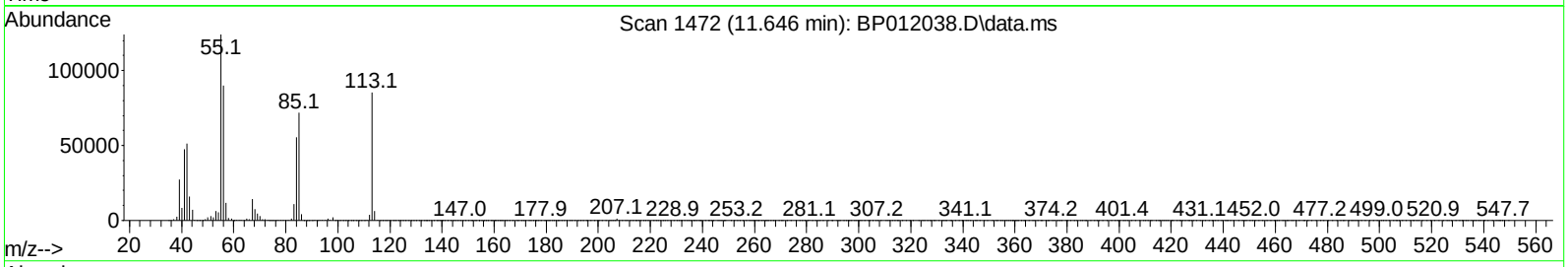

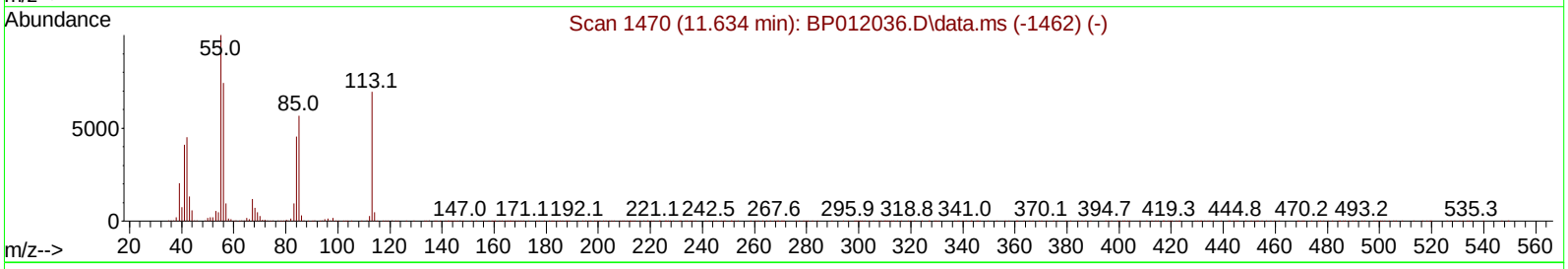

TIC: BP012038.D\data.ms

(34) Caprolactam

11.646min (+ 0.012) 39.17 ng/ul

response 166078

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	144.00	145.51
56.00	107.00	105.57
0.00	0.00	0.00

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BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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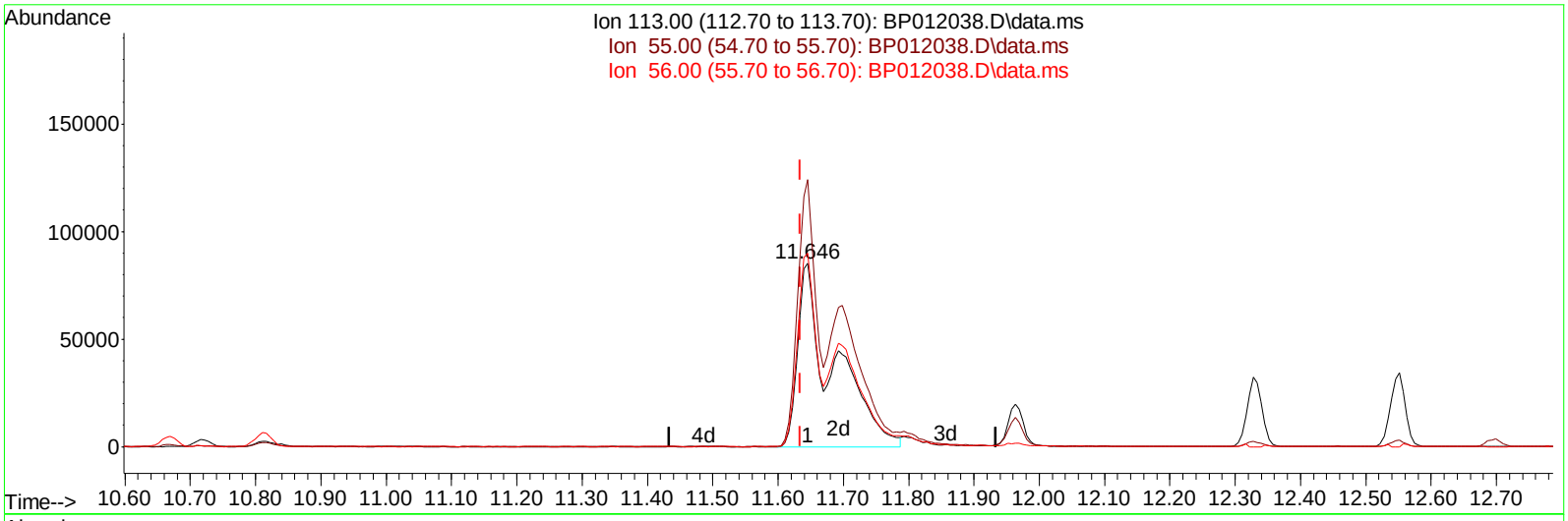

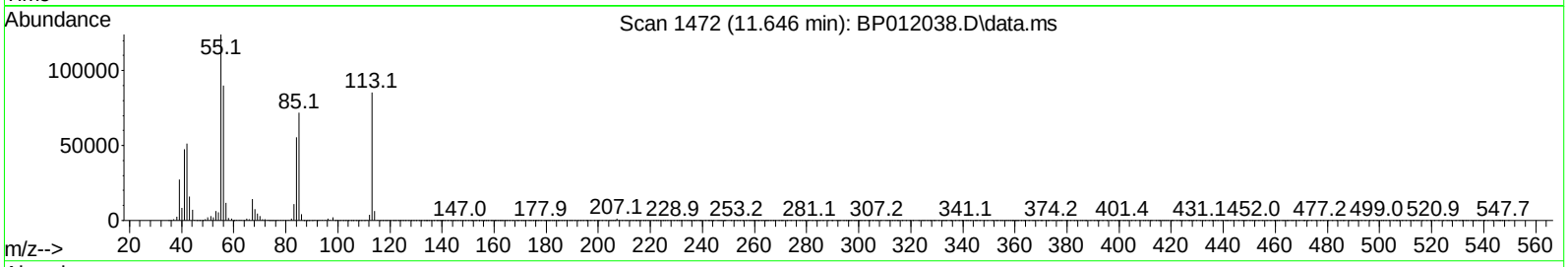

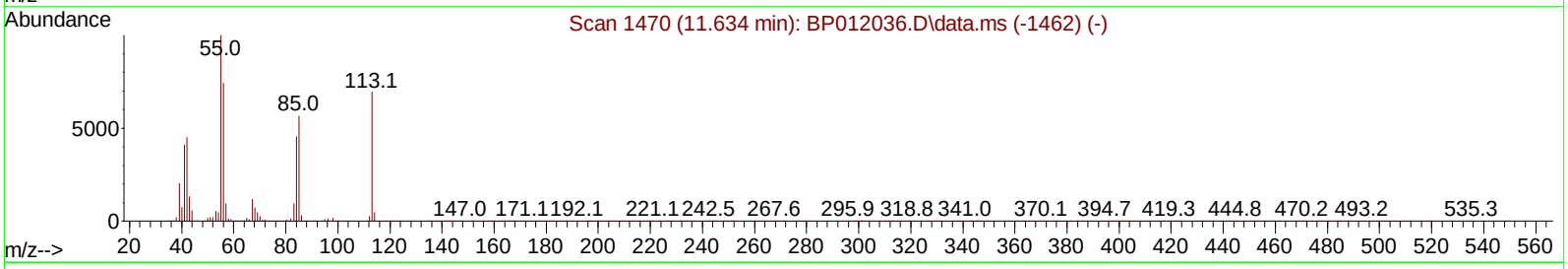

TIC: BP012038.D\data.ms

(34) Caprolactam

11.646min (+ 0.012) 76.56 ng/ul m

response 324585

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	144.00	145.51
56.00	107.00	105.57
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	223808	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	895811	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	498779	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	997227	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	972003	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	1026827	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	181161	76.446	ng/uL	0.00
4) Pyridine-d5	3.699	84	1243550	161.569	ng/ul	0.00
7) Phenol-d5	7.028	99	1481492	77.869	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	800663	71.192	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	1199669	82.155	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	1119140	78.247	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	572683	88.231	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	612077	92.983	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	1066278	86.109	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	1491359	77.691	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	2617503	79.108	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	3271521	80.623	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	577114	81.225	ng/ul	0.00
60) Fluorene-d10	15.504	176	2305797	77.444	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	476102	88.120	ng/ul	0.00
73) Anthracene-d10	17.369	188	3496920	77.405	ng/ul	0.00
81) Pyrene-d10	19.604	212	3966494	83.033	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	4220884	83.293	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	192924	78.137	ng/uL	97
5) Pyridine	3.717	79	1220241	158.001	ng/ul	99
6) Benzaldehyde	7.005	77	600199m	68.047	ng/ul	
8) Phenol	7.058	94	1530471	76.392	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.287	93	1174515	74.997	ng/ul	100
12) 2-Chlorophenol	7.422	128	1272468	80.305	ng/ul	99
13) 2-Methylphenol	8.311	108	1143656	78.199	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	1175066	64.072	ng/ul	99
16) Acetophenone	8.693	105	1657597	72.692	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.687	70	744709	74.045	ng/ul	98
18) 4-Methylphenol	8.646	108	1216059	76.952	ng/ul	98
19) Hexachloroethane	8.940	117	474774	72.512	ng/ul	98
22) Nitrobenzene	9.075	77	1232081	76.868	ng/ul	96
23) Isophorone	9.610	82	2179405	75.860	ng/ul	98
25) 2-Nitrophenol	9.787	139	689698	89.935	ng/ul	94
26) 2,4-Dimethylphenol	9.846	107	1210673	79.602	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.087	93	1402622	76.398	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	1090333	84.182	ng/ul	99
30) Naphthalene	10.716	128	3701612	76.557	ng/ul	99
32) 4-Chloroaniline	10.840	127	1534040	76.907	ng/ul	99
33) Hexachlorobutadiene	10.999	225	640621	81.477	ng/ul	99
34) Caprolactam	11.646	113	324585m	76.557	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	1076924	81.120	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.328	142	2402941	77.968	ng/ul	99
37) 1-Methylnaphthalene	12.551	142	2400010	77.453	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.699	216	1215716	84.483	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	633143	94.931	ng/ul	100
41) 2,4,6-Trichlorophenol	12.940	196	810290	89.255	ng/ul	100
42) 2,4,5-Trichlorophenol	13.016	196	870404	90.008	ng/ul	99
43) 1,1'-Biphenyl	13.346	154	2926256	77.819	ng/ul	99
44) 2-Chloronaphthalene	13.387	162	2384810	79.062	ng/ul	100
45) 2-Nitroaniline	13.598	65	630176	91.667	ng/ul	95
47) Dimethylphthalate	13.975	163	2725037	77.427	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	596293	102.052	ng/ul	91
50) Acenaphthylene	14.234	152	3584506	78.084	ng/ul	99
51) 3-Nitroaniline	14.428	138	604480	83.816	ng/ul	95
52) Acenaphthene	14.575	153	2462245	75.834	ng/ul	100
53) 2,4-Dinitrophenol	14.634	184	372505	90.933	ng/ul	94
55) 4-Nitrophenol	14.740	109	391479	73.023	ng/ul	97
56) Dibenzofuran	14.910	168	3308136	75.581	ng/ul	98
57) 2,4-Dinitrotoluene	14.881	165	856396	91.240	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.140	232	694247	85.793	ng/ul	95
59) Diethylphthalate	15.340	149	2610365	75.842	ng/ul	99
61) Fluorene	15.563	166	2565343	72.256	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	1237784	75.702	ng/ul	99
63) 4-Nitroaniline	15.592	138	561462	80.653	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.645	198	509960	86.589	ng/ul#	95
67) N-Nitrosodiphenylamine	15.769	169	2266904	79.328	ng/ul	100
68) 4-Bromophenyl-phenylether	16.451	248	775494	83.920	ng/ul	99
69) Hexachlorobenzene	16.569	284	876934	81.629	ng/ul	96
70) Atrazine	16.734	200	767522	80.720	ng/ul	99
71) Pentachlorophenol	16.916	266	568685	85.122	ng/ul	99
72) Phenanthrene	17.310	178	4222642	75.554	ng/ul	99
74) Anthracene	17.404	178	4189974	74.464	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	1212210	86.565	ng/uL	99
76) Pentachlorobenzene	14.828	250	1169666	83.041	ng/uL	99
77) Carbazole	17.675	167	3974760	75.615	ng/ul	99
78) Di-n-butylphthalate	18.222	149	4261312	76.800	ng/ul	99
80) Fluoranthene	19.281	202	4812398	82.099	ng/ul	99
82) Pyrene	19.633	202	4963957	79.026	ng/ul	99
83) Butylbenzylphthalate	20.504	149	2047929	87.421	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.275	252	1802451	85.674	ng/ul#	98
85) Benzo(a)anthracene	21.339	228	4924978	78.267	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.257	149	2771227	82.760	ng/ul	99
87) Chrysene	21.398	228	4666088	77.317	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	4961326	79.665	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	5323648	80.991	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	5186164	80.375	ng/ul	99
93) Benzo(a)pyrene	23.674	252	4813558	81.740	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.310	276	6061111	81.490	ng/ul	95
95) Dibenzo(a,h)anthracene	26.333	278	5313233	79.789	ng/ul	97
96) Benzo(g,h,i)perylene	27.092	276	5449871	81.408	ng/ul#	95

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

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