Quantitation Report (Qedit)

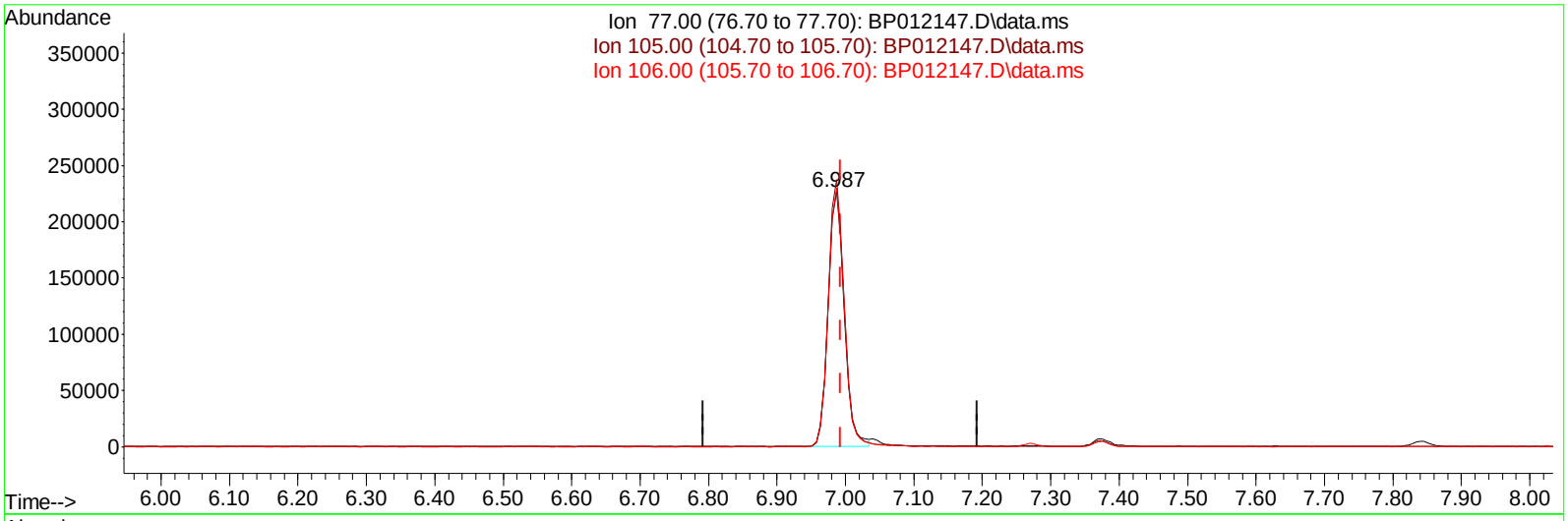
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012147.D
Acq On : 14 Oct 2022 21:02
Operator : CG/JU
Sample : PB148236BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

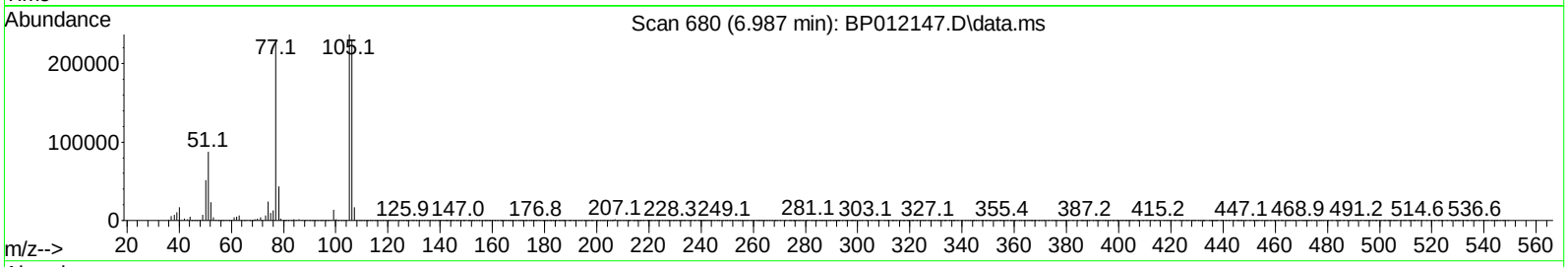
Quant Time: Oct 14 23:06:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration

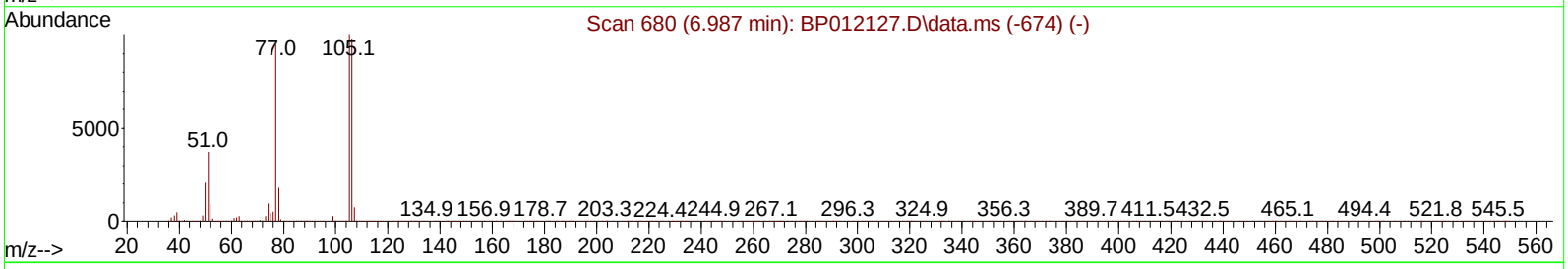
Instrument :
BNA_P
ClientSampleId :
SLCS236

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022







TIC: BP012147.D\data.ms

(6) Benzaldehyde

6.987min (-0.006) 38.35 ng/ul

response 369516

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	106.50	104.63
106.00	103.90	101.47
0.00	0.00	0.00

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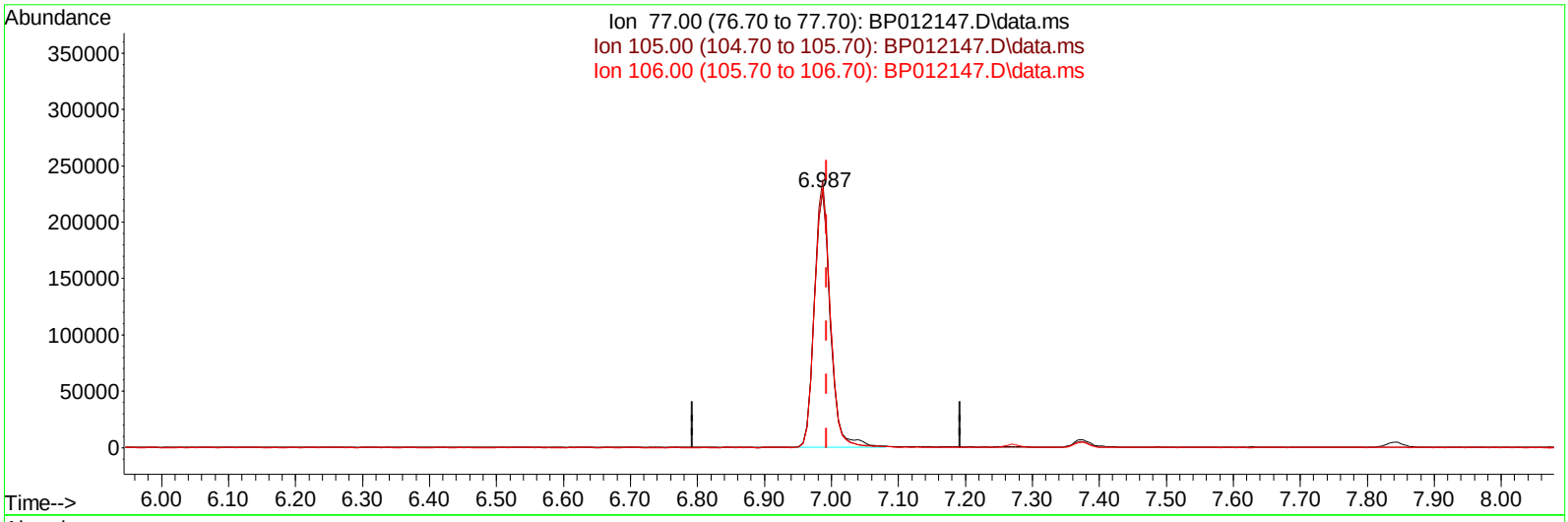

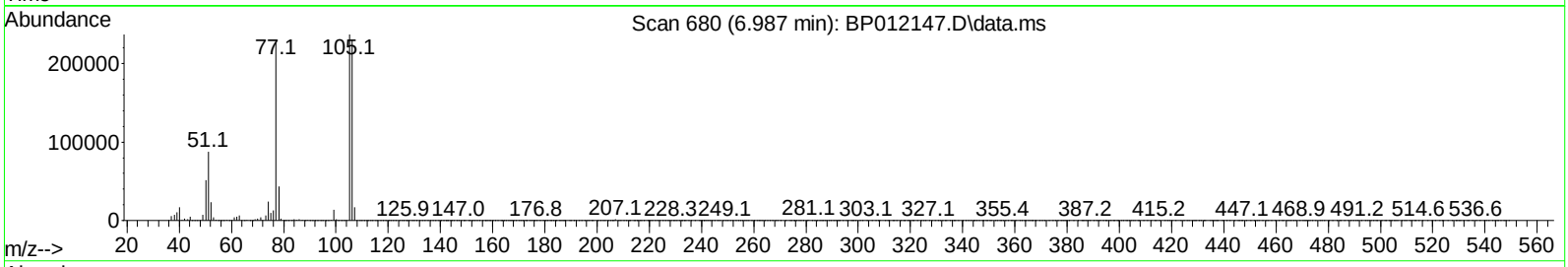

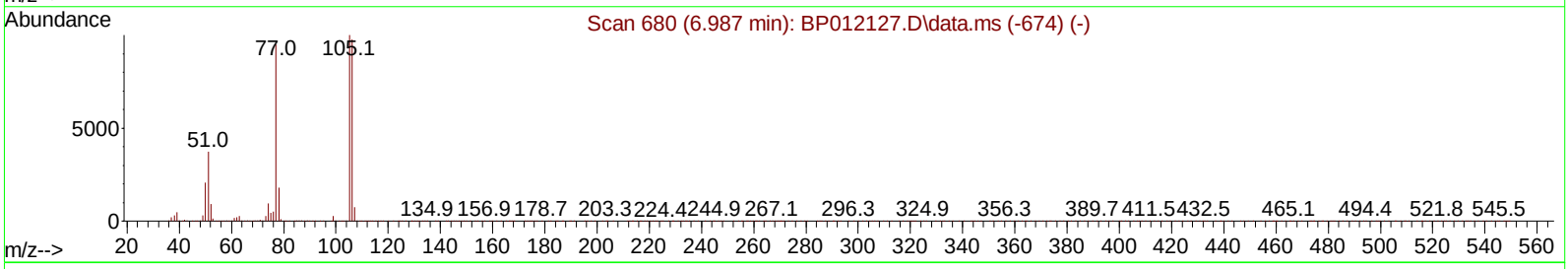

TIC: BP012147.D\data.ms

(6) Benzaldehyde

6.987min (-0.006) 39.31 ng/ul m

response 378733

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	106.50	104.63
106.00	103.90	101.47
0.00	0.00	0.00

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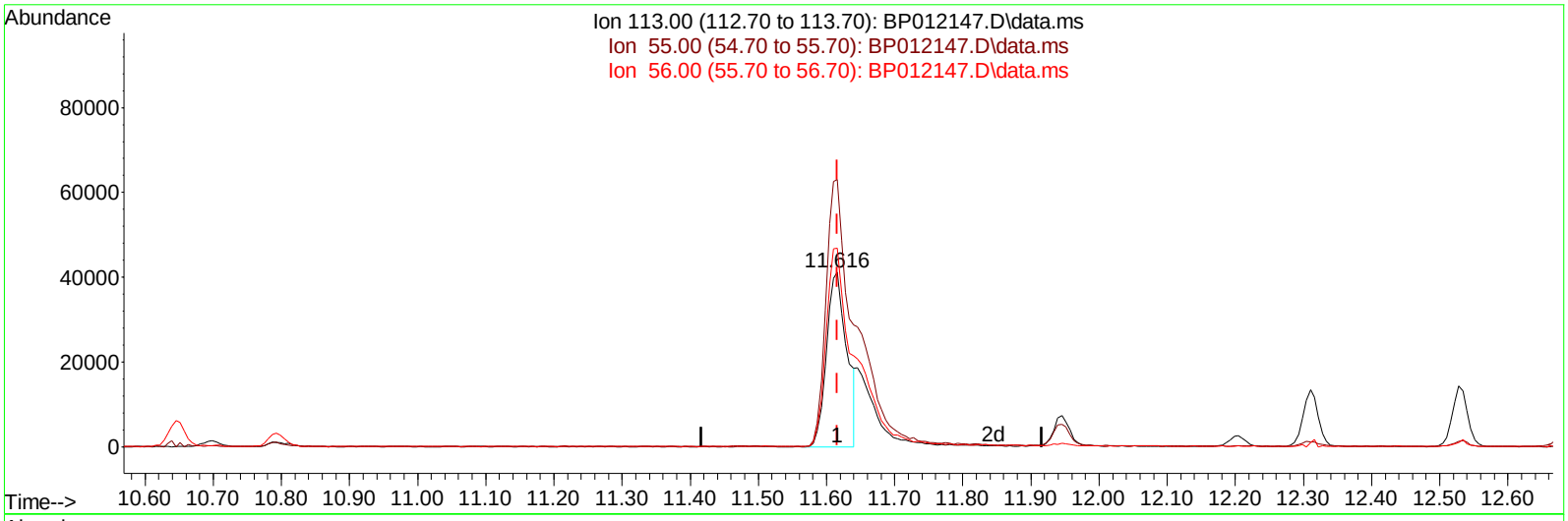

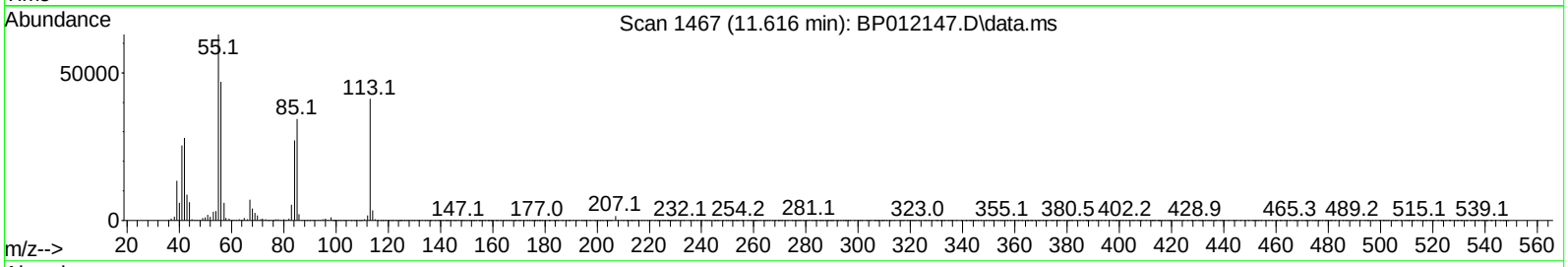

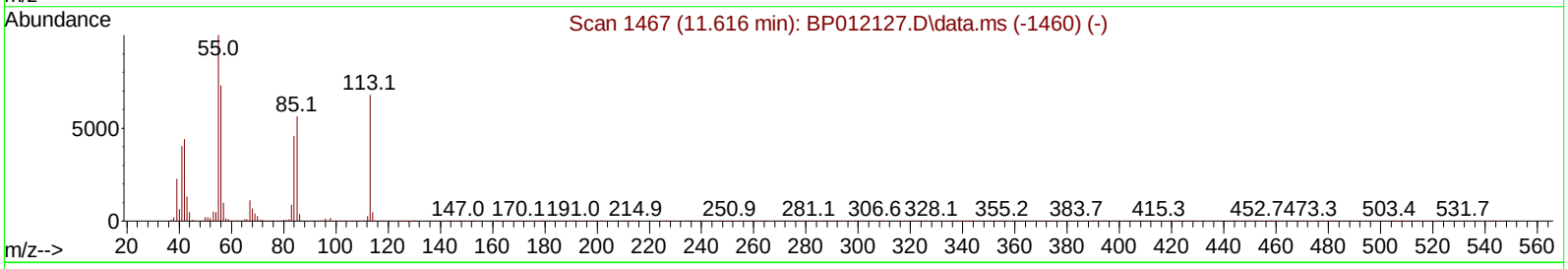

TIC: BP012147.D\data.ms

(34) Caprolactam

11.616min (-0.000) 19.70 ng/ul

response 84870

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	144.00	152.98
56.00	107.00	113.96
0.00	0.00	0.00

Quantitation Report (Qedit)

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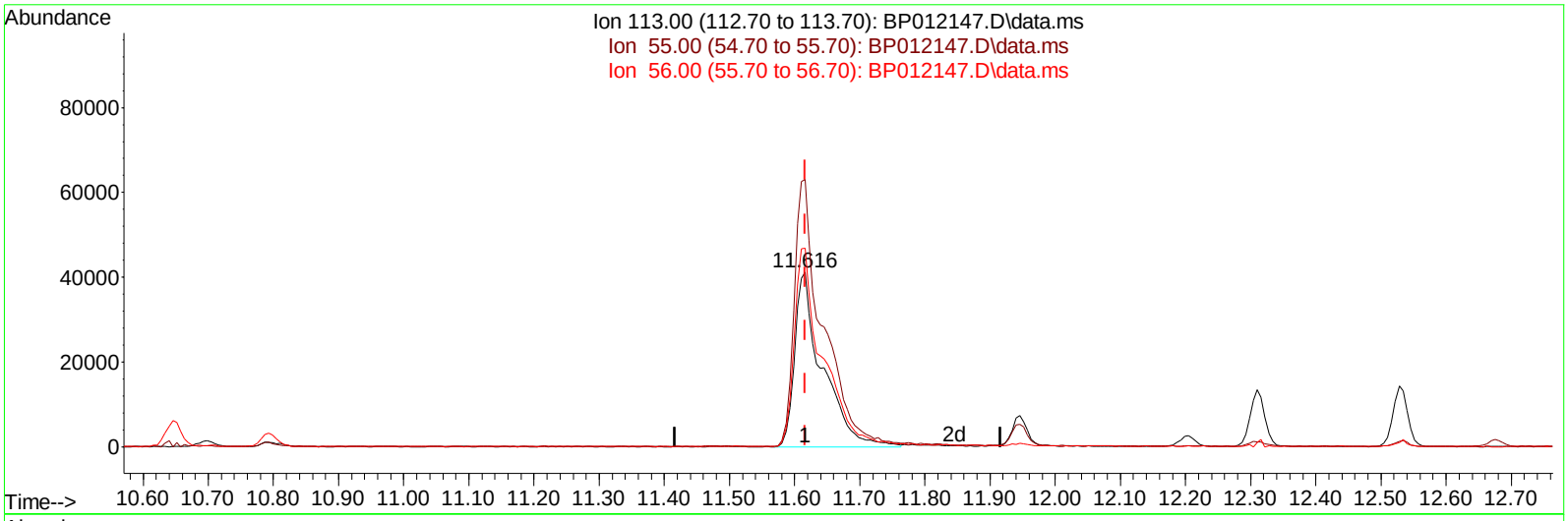

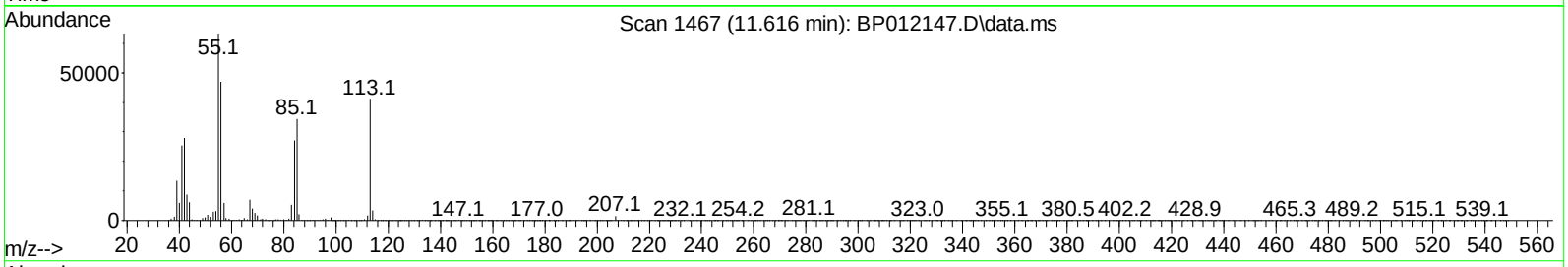

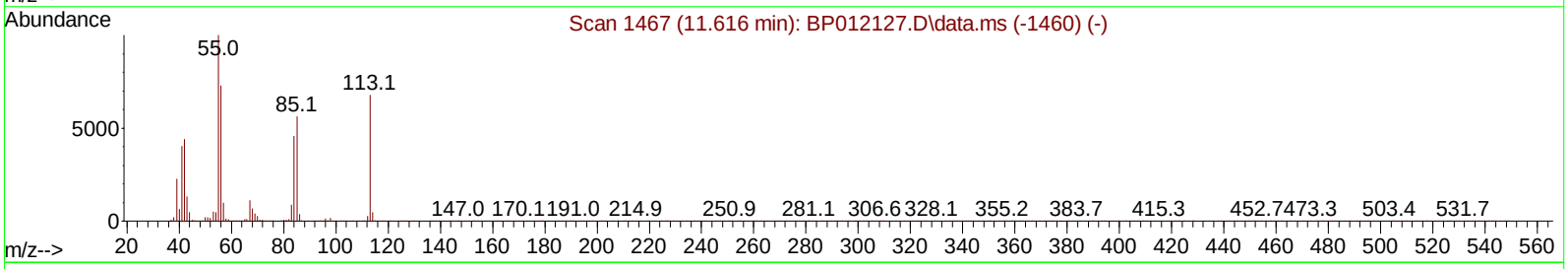

TIC: BP012147.D\data.ms

(34) Caprolactam

11.616min (-0.000) 28.31 ng/ul m

response 121917

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	144.00	152.98
56.00	107.00	113.96
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/15/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	255333	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.646	136	1074646	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.492	164	592514	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1195834	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	1309485	20.000	ng/ul	0.00
88) Perylene-d12	23.762	264	1366305	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	23550	3.636	ng/uL	0.00
4) Pyridine-d5	3.693	84	345015	20.032	ng/ul	0.00
7) Phenol-d5	7.010	99	645787	31.448	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	368824	31.642	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	514474	31.562	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	477628	30.281	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	240514	31.690	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.734	143	247424	32.151	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.269	165	446337	29.926	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.793	131	598792	27.244	ng/ul	-0.01
46) Dimethylphthalate-d6	13.904	166	1100200	29.319	ng/ul	-0.01
49) Acenaphthylene-d8	14.187	160	1408880	30.362	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	245227	33.287	ng/ul	0.00
60) Fluorene-d10	15.486	176	1003847	29.568	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.616	200	181956	28.816	ng/ul	0.00
73) Anthracene-d10	17.351	188	1573614	30.304	ng/ul	0.00
81) Pyrene-d10	19.592	212	1909557	28.464	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.604	264	2086121	31.408	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	44894	6.588	ng/uL	90
5) Pyridine	3.711	79	340049	20.607	ng/ul	93
6) Benzaldehyde	6.987	77	378733m	39.309	ng/ul	
8) Phenol	7.040	94	615453	28.548	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.269	93	481399	28.302	ng/ul	97
12) 2-Chlorophenol	7.405	128	504427	28.514	ng/ul	98
13) 2-Methylphenol	8.293	108	446497	27.768	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	512353	29.388	ng/ul	99
16) Acetophenone	8.675	105	682090	28.049	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.657	70	308857	27.886	ng/ul	98
18) 4-Methylphenol	8.622	108	478807	27.627	ng/ul	95
19) Hexachloroethane	8.922	117	201744	29.543	ng/ul	95
22) Nitrobenzene	9.051	77	510401	29.336	ng/ul	98
23) Isophorone	9.581	82	877040	28.419	ng/ul	99
25) 2-Nitrophenol	9.763	139	258054	28.541	ng/ul	98
26) 2,4-Dimethylphenol	9.828	107	453740	25.768	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.063	93	582209	27.492	ng/ul	99
29) 2,4-Dichlorophenol	10.298	162	424032	27.053	ng/ul	98
30) Naphthalene	10.698	128	1516002	26.696	ng/ul	100
32) 4-Chloroaniline	10.816	127	586277	25.873	ng/ul	99
33) Hexachlorobutadiene	10.975	225	245346	25.243	ng/ul	97
34) Caprolactam	11.616	113	121917m	28.306	ng/ul	
35) 4-Chloro-3-methylphenol	11.945	107	414615	27.922	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	947268	25.905	ng/ul	100
37) 1-Methylnaphthalene	12.528	142	949955	25.941	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.681	216	462409	25.530	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	173289	19.698	ng/ul	100
41) 2,4,6-Trichlorophenol	12.922	196	294575	27.000	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	326322	27.520	ng/ul	98
43) 1,1'-Biphenyl	13.322	154	1198865	26.802	ng/ul	100
44) 2-Chloronaphthalene	13.363	162	948109	26.543	ng/ul	98
45) 2-Nitroaniline	13.581	65	232456	30.507	ng/ul	96
47) Dimethylphthalate	13.951	163	1066806	26.983	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	203646	29.094	ng/ul	96
50) Acenaphthylene	14.216	152	1468162	27.963	ng/ul	100
51) 3-Nitroaniline	14.410	138	246596	30.255	ng/ul	99
52) Acenaphthene	14.557	153	1004356	26.871	ng/ul	99
53) 2,4-Dinitrophenol	14.616	184	109507	24.217	ng/ul	94
55) 4-Nitrophenol	14.722	109	157995	31.021	ng/ul	97
56) Dibenzofuran	14.892	168	1362668	26.976	ng/ul	99
57) 2,4-Dinitrotoluene	14.863	165	316385	31.450	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.122	232	261833	28.330	ng/ul	99
59) Diethylphthalate	15.322	149	1026858	28.360	ng/ul	100
61) Fluorene	15.545	166	1097911	27.688	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.539	204	503600	26.253	ng/ul	99
63) 4-Nitroaniline	15.575	138	266208	35.770	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.628	198	183506	26.882	ng/ul	99
67) N-Nitrosodiphenylamine	15.757	169	905842	25.592	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	288237	24.770	ng/ul	98
69) Hexachlorobenzene	16.551	284	337819	25.012	ng/ul	99
70) Atrazine	16.716	200	276851	25.436	ng/ul	98
71) Pentachlorophenol	16.904	266	217324	27.464	ng/ul	97
72) Phenanthrene	17.292	178	1770206	27.220	ng/ul	100
74) Anthracene	17.386	178	1760910	27.362	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.287	216	475775	24.621	ng/uL	98
76) Pentachlorobenzene	14.810	250	417801	22.015	ng/uL	99
77) Carbazole	17.663	167	1700932	29.633	ng/ul	100
78) Di-n-butylphthalate	18.210	149	1668218	29.287	ng/ul	99
80) Fluoranthene	19.263	202	2135318	25.976	ng/ul	96
82) Pyrene	19.616	202	2276464	26.168	ng/ul	95
83) Butylbenzylphthalate	20.492	149	831437	30.150	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.263	252	764129	26.481	ng/ul#	98
85) Benzo(a)anthracene	21.327	228	2342773	28.423	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.251	149	1163276	31.291	ng/ul	99
87) Chrysene	21.380	228	2188019	27.578	ng/ul	99
89) Di-n-octyl phthalate	22.174	149	2070782	30.273	ng/ul	100
90) Benzo(b)fluoranthene	23.021	252	2445986	28.282	ng/ul	98
91) Benzo(k)fluoranthene	23.074	252	2417837	28.422	ng/ul	98
93) Benzo(a)pyrene	23.657	252	2184201	28.308	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.280	276	2870217	29.420	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.292	278	2469257	28.212	ng/ul#	97
96) Benzo(g,h,i)perylene	27.051	276	2390551	27.177	ng/ul#	95

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

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