Quantitation Report (Qedit)

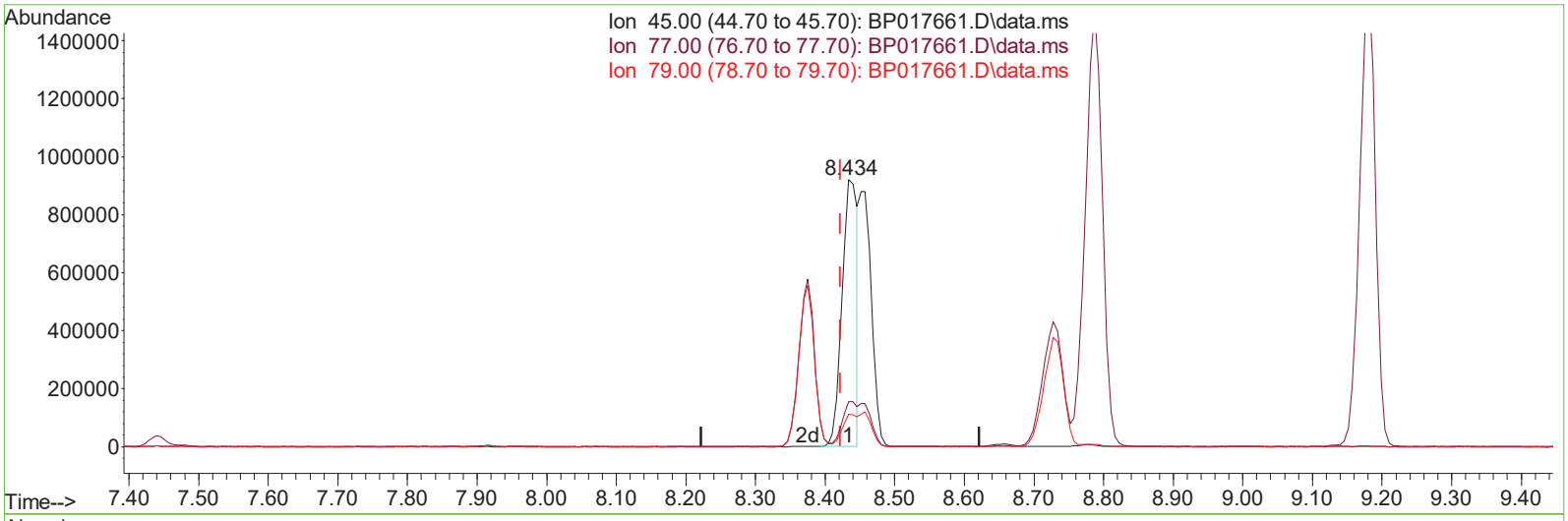
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101223\
Data File : BP017661.D
Acq On : 12 Oct 2023 15:37
Operator : MA/JU
Sample : SSTD16033
Misc :
ALS Vial : 8 Sample Multiplier: 1

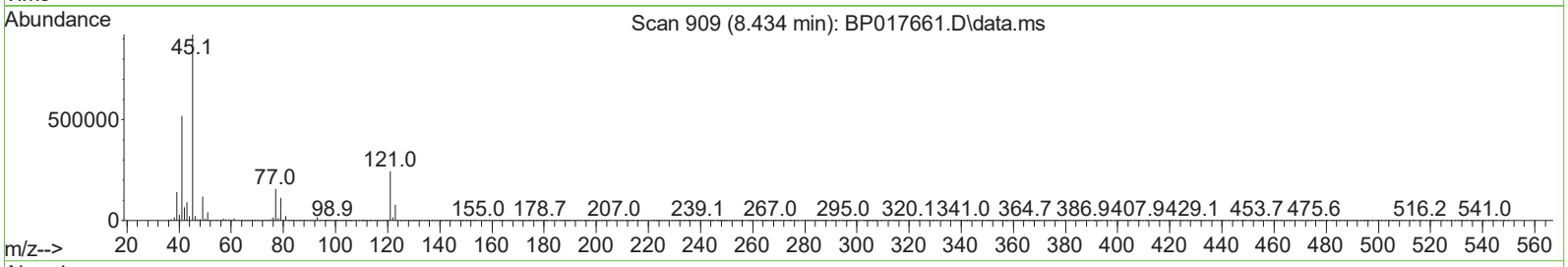
Quant Time: Oct 12 16:08:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:43:48 2023
Response via : Initial Calibration

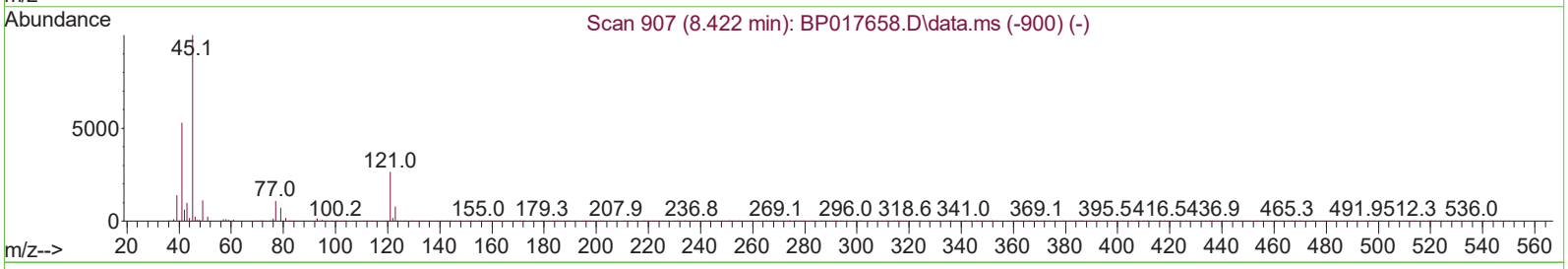
Instrument :
BNA_P
ClientSampleId :
SSTD160643

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023







TIC: BP017661.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.434min (+ 0.012) 94.68 ng/ul

response 1408034

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.30	16.88
79.00	11.90	12.15
0.00	0.00	0.00

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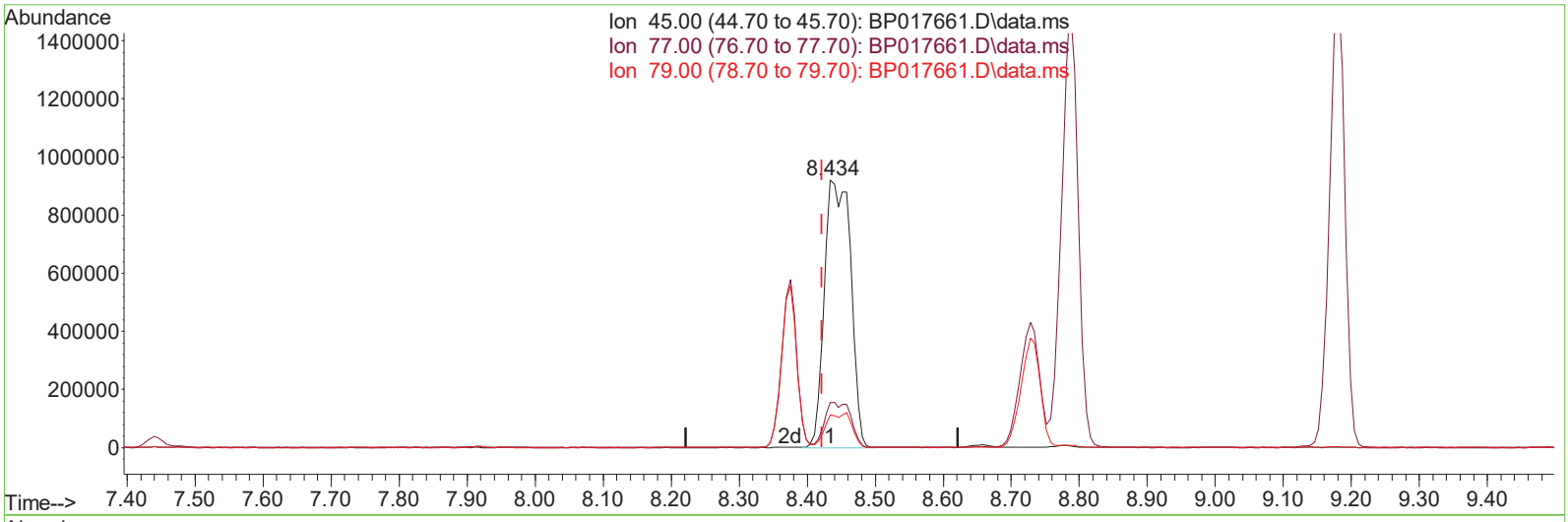

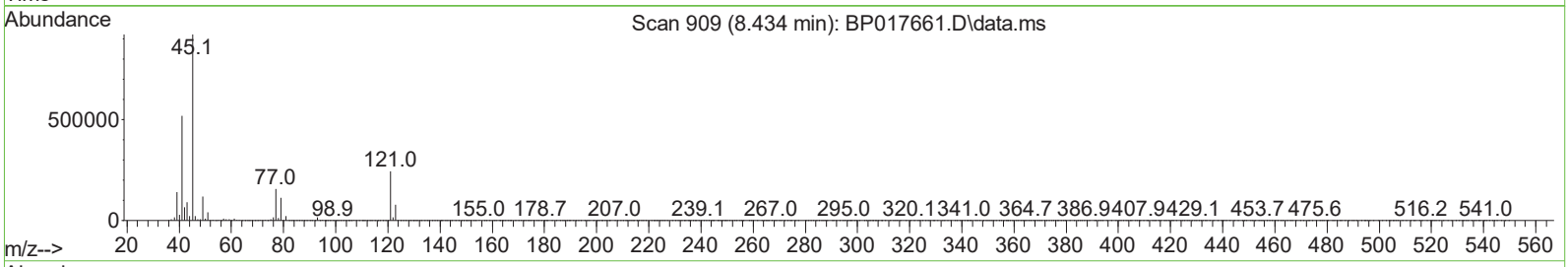

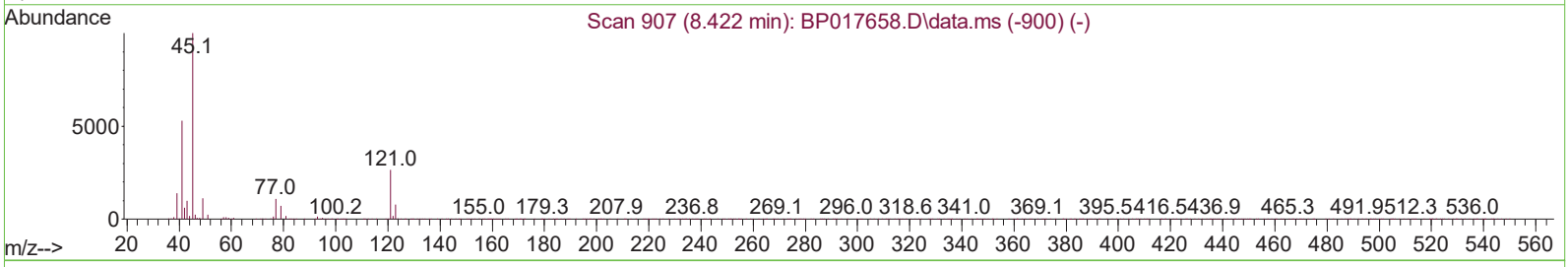

TIC: BP017661.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.434min (+ 0.012) 166.36 ng/ul m

response 2474184

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.30	16.88
79.00	11.90	12.15
0.00	0.00	0.00

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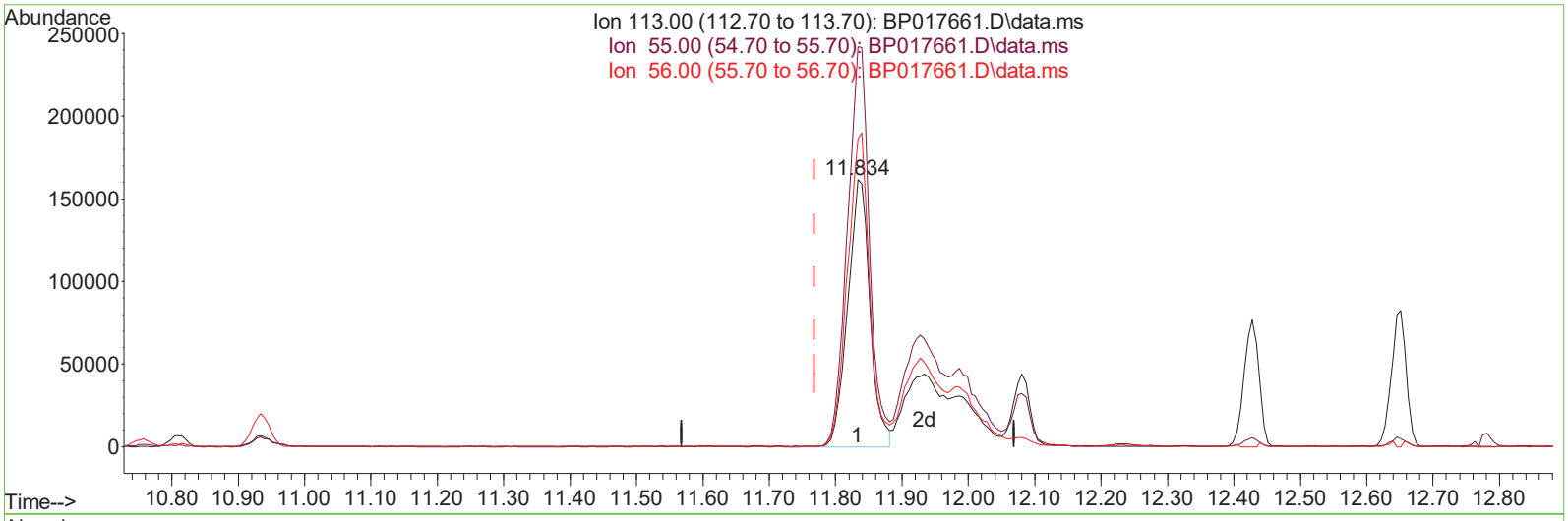

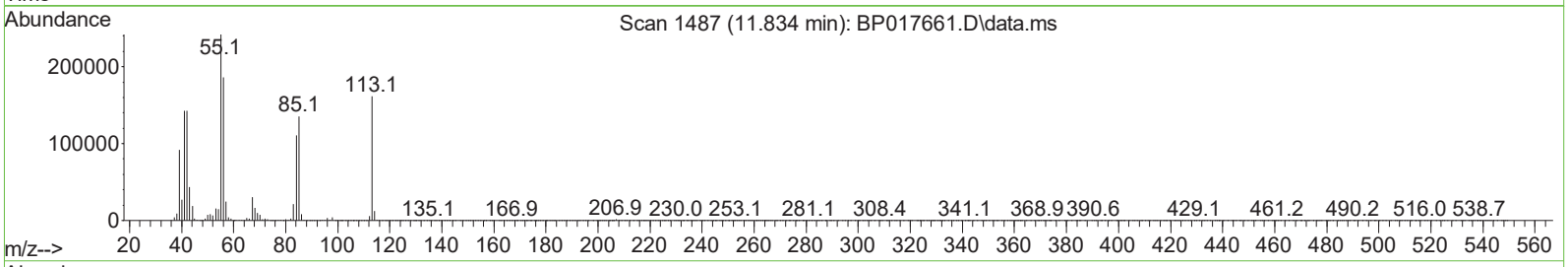

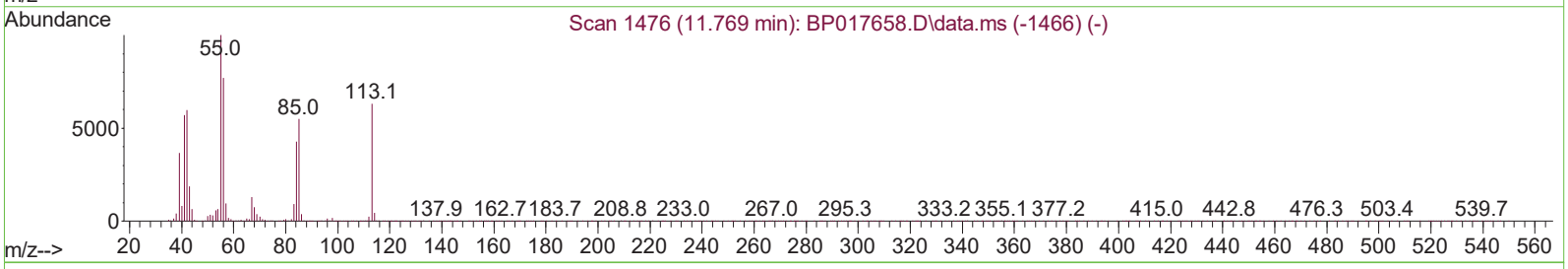

TIC: BP017661.D\data.ms

(34) Caprolactam

11.834min (+ 0.065) 113.23 ng/ul

response 374690

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	158.60	149.76
56.00	122.40	115.29
0.00	0.00	0.00

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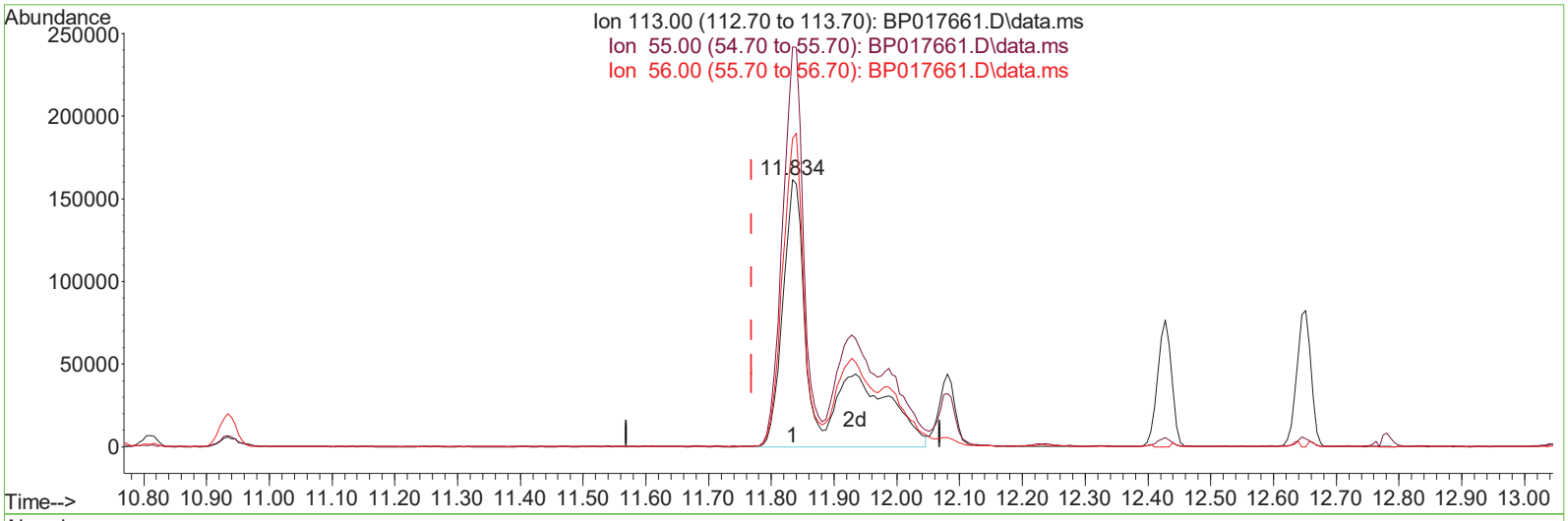

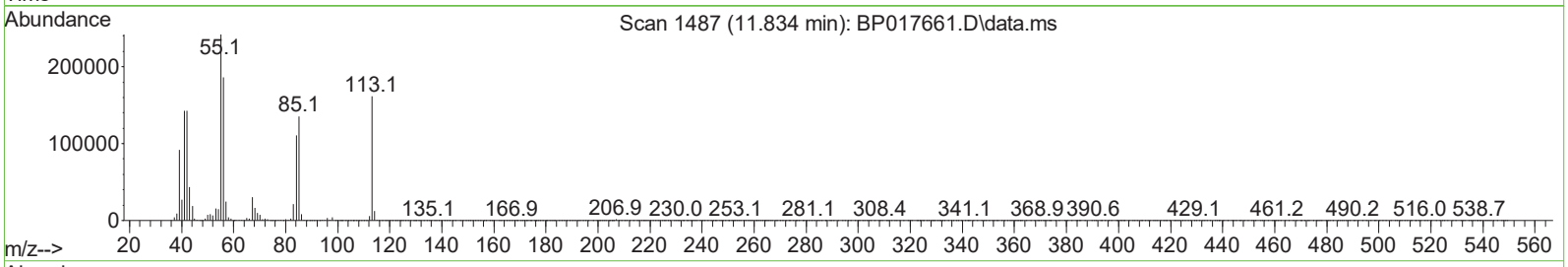

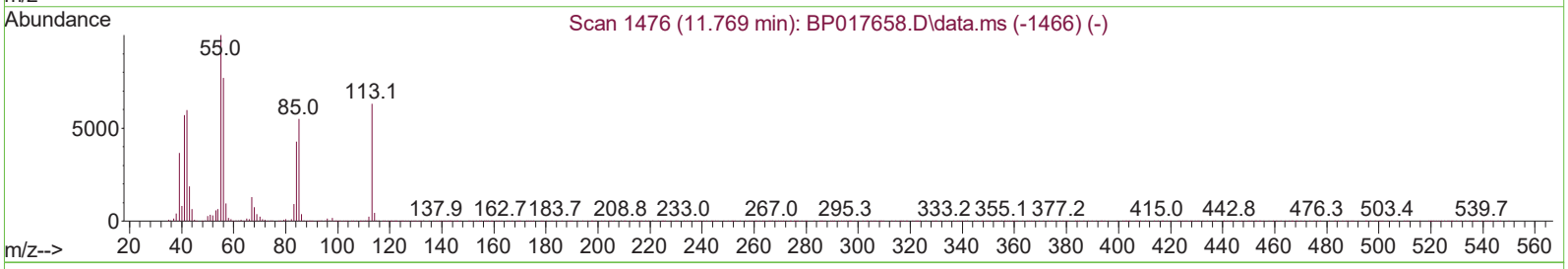

TIC: BP017661.D\data.ms

(34) Caprolactam

11.834min (+ 0.065) 192.53 ng/ul m

response 637093

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	158.60	149.76
56.00	122.40	115.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.916	152	166197	20.000	ng/ul	0.01
20) Naphthalene-d8	10.757	136	686827	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.622	164	454773	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.416	188	1049345	20.000	ng/ul	0.02
79) Chrysene-d12	21.563	240	1094735	20.000	ng/ul	0.02
88) Perylene-d12	24.145	264	1227020	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.699	84	2078833	181.467	ng/ul	0.00
7) Phenol-d5	7.081	99	2688079	192.239	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.269	67	1510195	174.024	ng/ul	0.02
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.657	113	2117845	187.448	ng/ul	0.03
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.934	131	2945705	184.137	ng/ul	0.02
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.887	143	1299286	229.956	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.786	200	1341623	208.162	ng/ul	0.03
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.722	79	2117637	179.458	ng/ul	96
6) Benzaldehyde	7.075	77	802521	114.532	ng/ul	99
8) Phenol	7.116	94	2630264	185.463	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.363	93	1987131	174.913	ng/ul	98
13) 2-Methylphenol	8.375	108	1964626	186.141	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.434	45	2474184m	166.365	ng/ul	
16) Acetophenone	8.787	105	3137326	176.360	ng/ul	98
18) 4-Methylphenol	8.728	108	2103941	182.671	ng/ul	99
32) 4-Chloroaniline	10.963	127	2796087	180.832	ng/ul	98
34) Caprolactam	11.834	113	637093m	192.526	ng/ul	
40) Hexachlorocyclopentadiene	12.722	237	1473303	192.232	ng/ul	99
51) 3-Nitroaniline	14.587	138	1085545	172.872	ng/ul	95
53) 2,4-Dinitrophenol	14.798	184	970364	221.173	ng/ul	92
55) 4-Nitrophenol	14.904	109	1215652	237.797	ng/ul	95
63) 4-Nitroaniline	15.786	138	1017878	170.106	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.804	198	1375260	202.219	ng/ul#	92
70) Atrazine	16.886	200	1995014	175.058	ng/ul	98
71) Pentachlorophenol	17.045	266	1652819	199.068	ng/ul	99
77) Carbazole	17.851	167	8940920	172.628	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	4344878	182.719	ng/ul	99
89) Di-n-octyl phthalate	22.410	149	12798900	174.420	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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