Quantitation Report (Qedit)

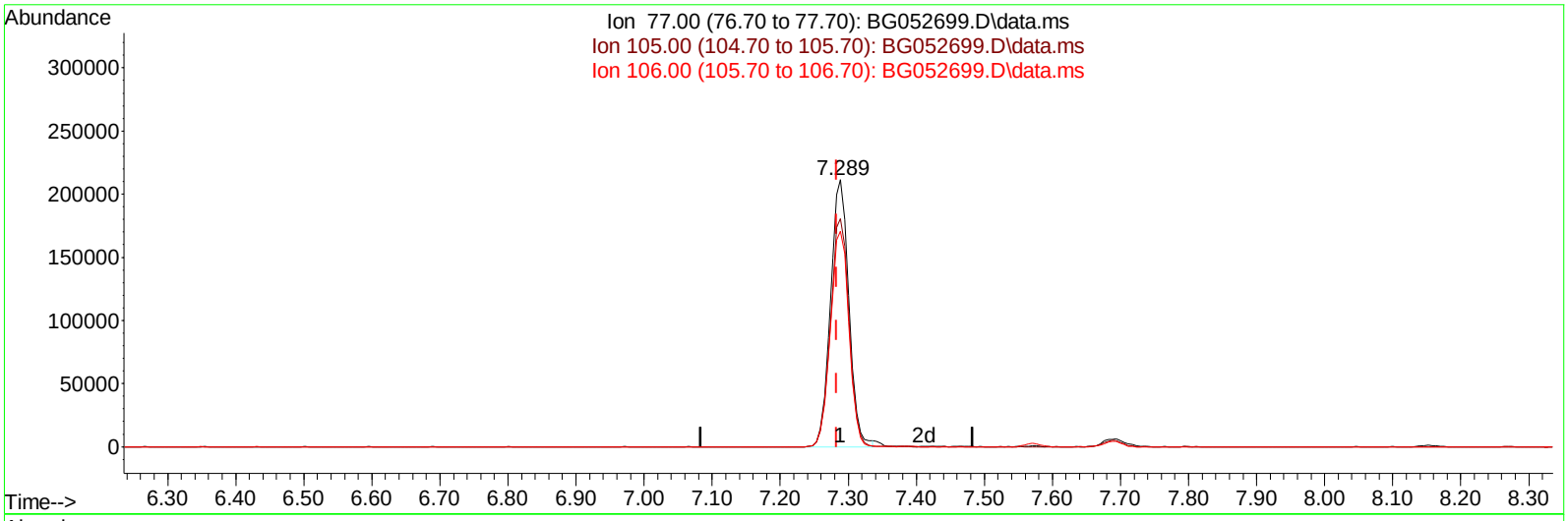
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
Data File : BG052699.D
Acq On : 17 Mar 2022 19:36
Operator : CG/JU
Sample : SSTD16019
Misc :
ALS Vial : 7 Sample Multiplier: 1

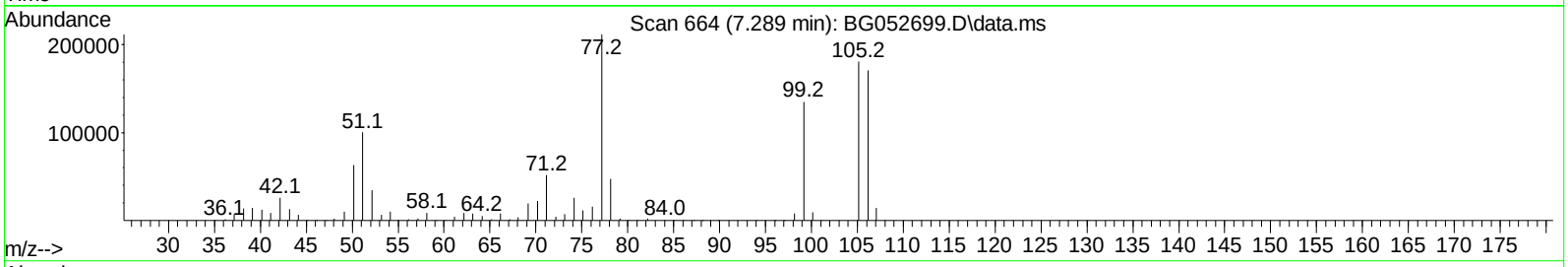
Quant Time: Mar 17 23:54:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 17 23:52:29 2022
Response via : Initial Calibration

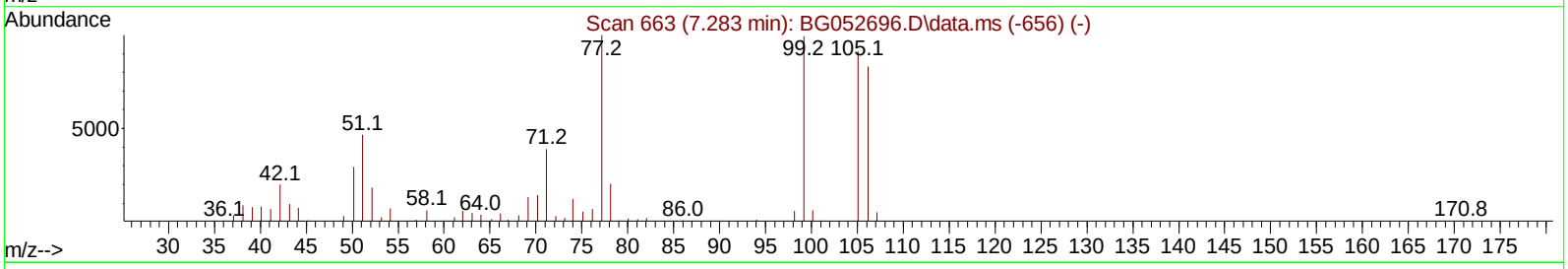
Instrument :
BNA_G
ClientSampleId :
SSTD160419

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/21/2022
Supervised By :Yogesh Patel 03/24/2022







TIC: BG052699.D\data.ms

(6) Benzaldehyde

7.289min (+ 0.005) 168.46 ng/ul

response 395076

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.10	85.37
106.00	83.10	80.68
0.00	0.00	0.00

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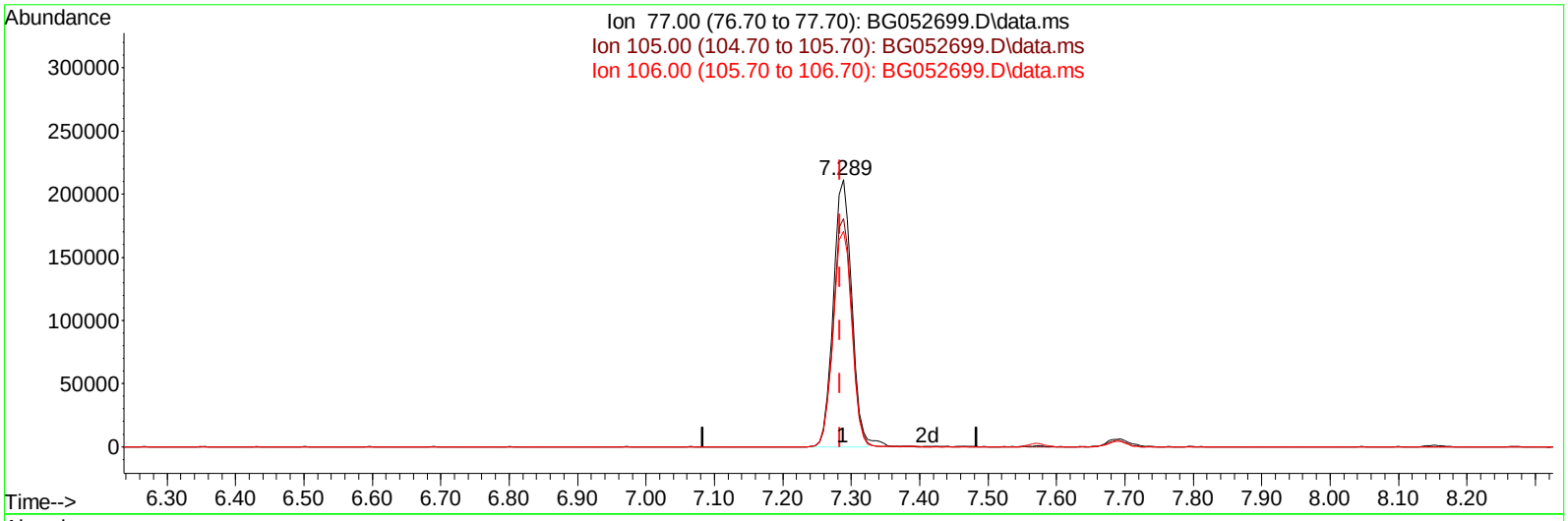

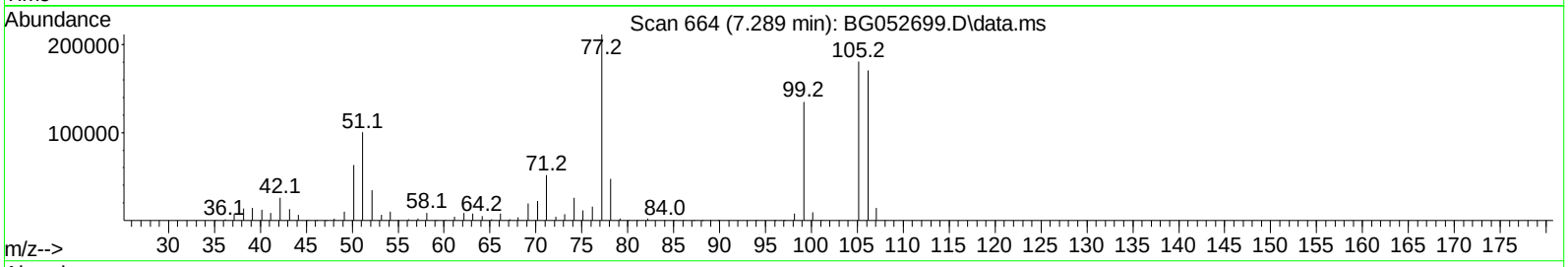

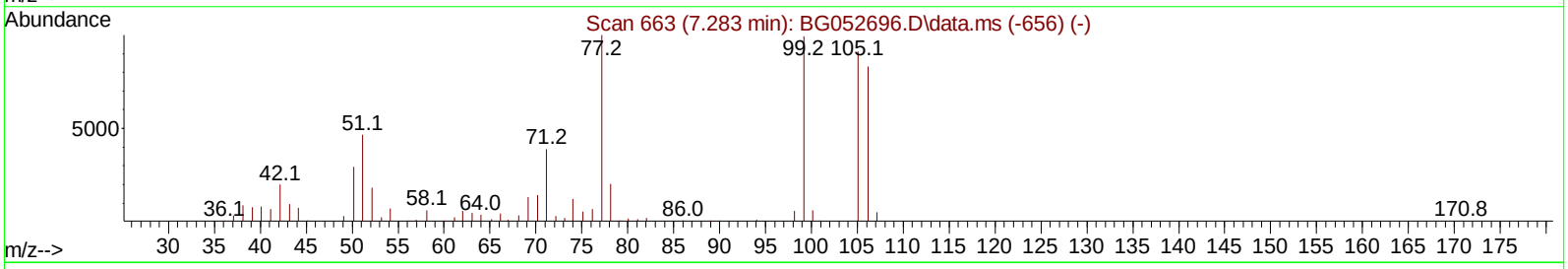

TIC: BG052699.D\data.ms

(6) Benzaldehyde

7.289min (+ 0.005) 167.05 ng/ul m

response 391782

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.10	85.37
106.00	83.10	80.68
0.00	0.00	0.00

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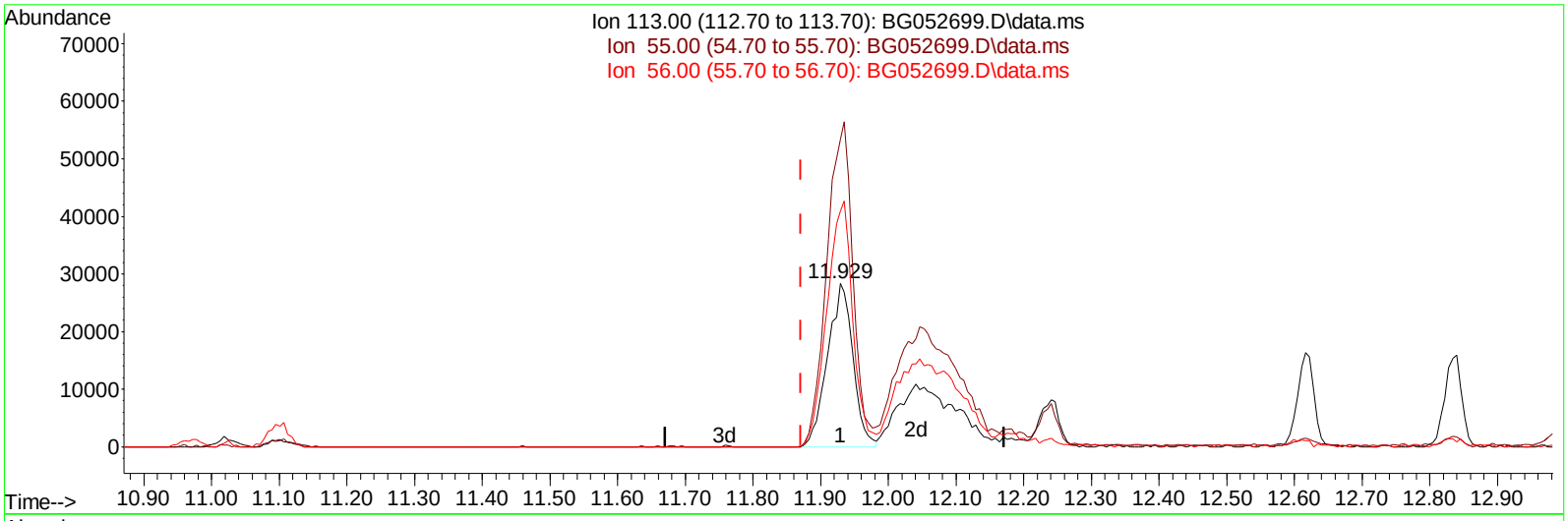

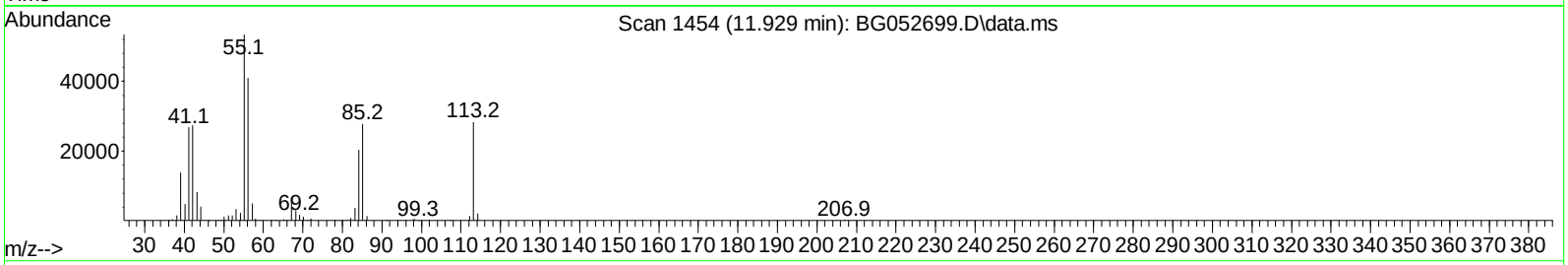

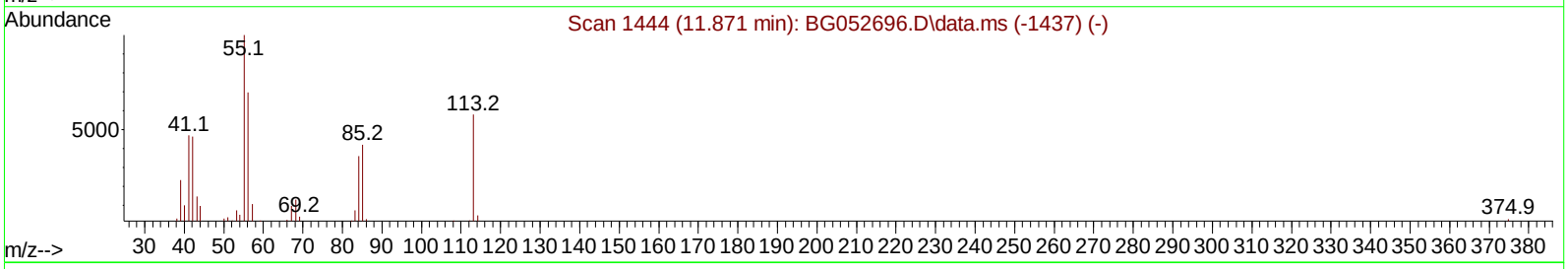

TIC: BG052699.D\data.ms

(34) Caprolactam

11.929min (+ 0.058) 70.75 ng/ul

response 73944

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.50	188.12
56.00	120.10	144.04
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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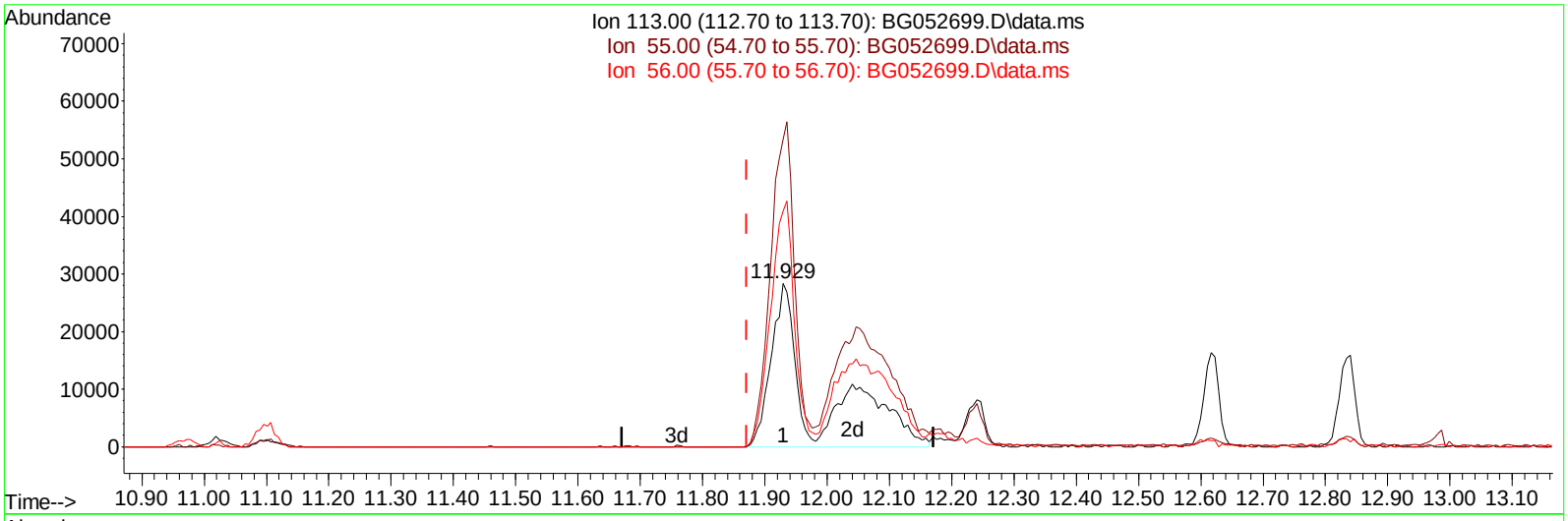

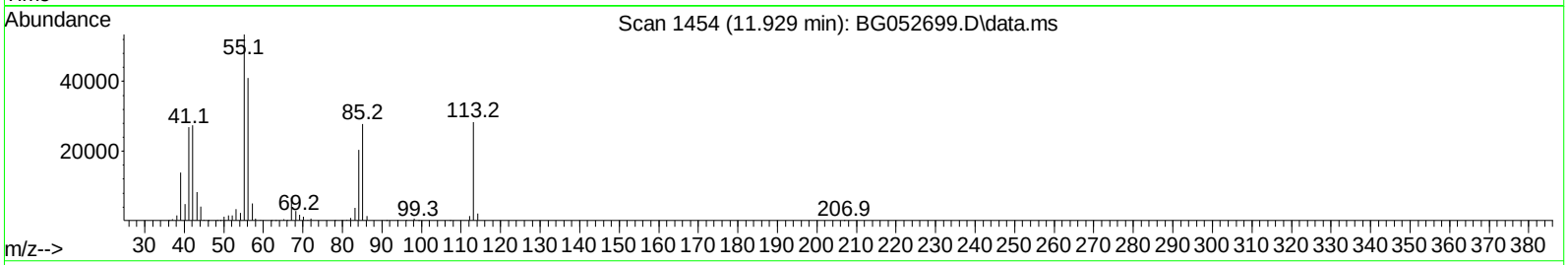

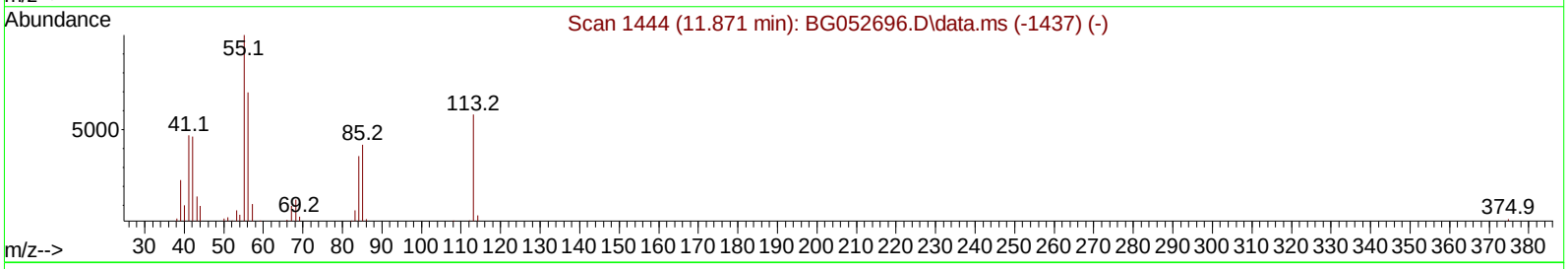

TIC: BG052699.D\data.ms

(34) Caprolactam

11.929min (+ 0.058) 132.60 ng/ul m

response 138593

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.50	188.12
56.00	120.10	144.04
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	8.158	152	43553	20.000	ng/ul	0.00
20) Naphthalene-d8	10.972	136	170547	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.773	164	117326	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.522	188	269689	20.000	ng/ul	0.00
79) Chrysene-d12	21.816	240	249553	20.000	ng/ul	0.01
88) Perylene-d12	25.141	264	259493	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.981	84	488461	145.833	ng/ul	0.00
7) Phenol-d5	7.306	99	593517	143.714	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.477	67	352777	146.168	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.863	113	436282	135.775	ng/ul	0.02
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	11.101	131	576229	140.015	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	14.966	143	247074	162.956	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.889	200	243970	142.672	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	4.005	79	509877	150.777	ng/ul	92
6) Benzaldehyde	7.289	77	391782m	167.052	ng/ul	
8) Phenol	7.336	94	561722	134.480	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.571	93	422324	136.694	ng/ul	99
13) 2-Methylphenol	8.593	108	461198	145.862	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.681	45	663068	156.809	ng/ul	98
16) Acetophenone	8.986	105	649292	131.153	ng/ul	99
18) 4-Methylphenol	8.933	108	461685	137.299	ng/ul	93
32) 4-Chloroaniline	11.125	127	561663	133.036	ng/ul	97
34) Caprolactam	11.929	113	138593m	132.604	ng/ul	
40) Hexachlorocyclopentadiene	12.969	237	436261	218.866	ng/ul	98
51) 3-Nitroaniline	14.673	138	206271	124.056	ng/ul	100
53) 2,4-Dinitrophenol	14.878	184	177441	175.754	ng/ul#	62
55) 4-Nitrophenol	14.984	109	257194	174.903	ng/ul	99
63) 4-Nitroaniline	15.842	138	178382	111.738	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.900	198	243860	147.145	ng/ul	93
70) Atrazine	16.975	200	471667	140.845	ng/ul	99
71) Pentachlorophenol	17.169	266	364885	218.122	ng/ul	96
77) Carbazole	17.921	167	1784705	137.448	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.698	252	767896	139.299	ng/ul	95
89) Di-n-octyl phthalate	22.950	149	2142369	142.774	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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