Quantitation Report (Qedit)

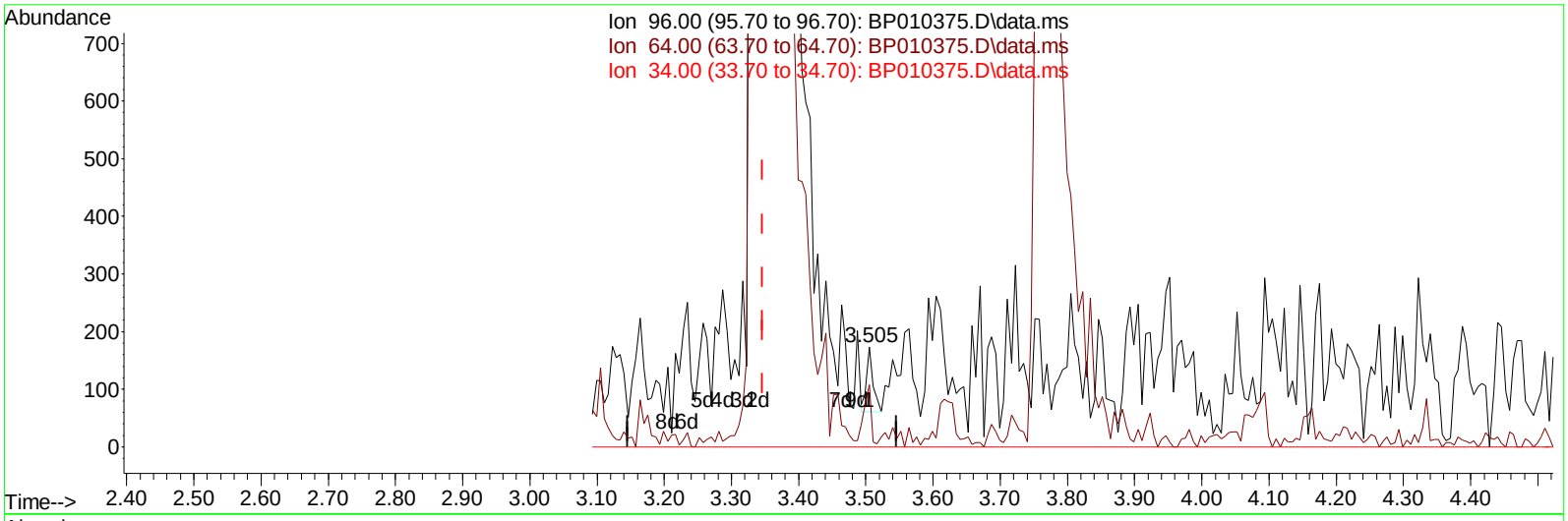
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051622\
Data File : BP010375.D
Acq On : 17 May 2022 01:26
Operator : CG/JU
Sample : PB144798BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

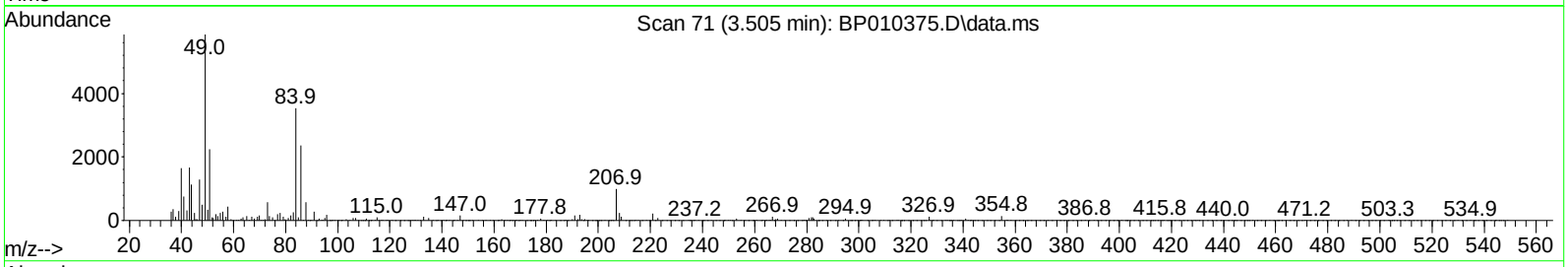
Quant Time: May 17 03:07:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 15:04:31 2022
Response via : Initial Calibration

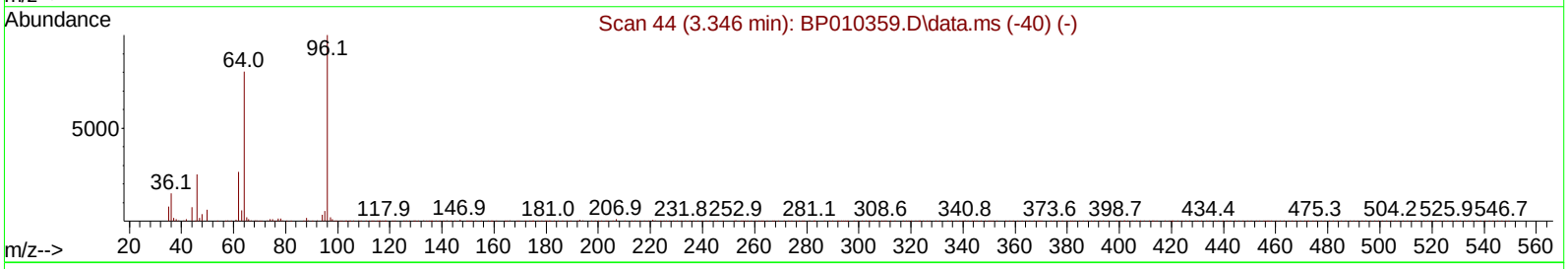
Instrument :
BNA_P
ClientSampleId :
SLCS798

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022







TIC: BP010375.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.505min (+ 0.159) 0.02 ng/uL

response 74

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	55.40	62.43
34.00	0.00	0.00
0.00	0.00	0.00

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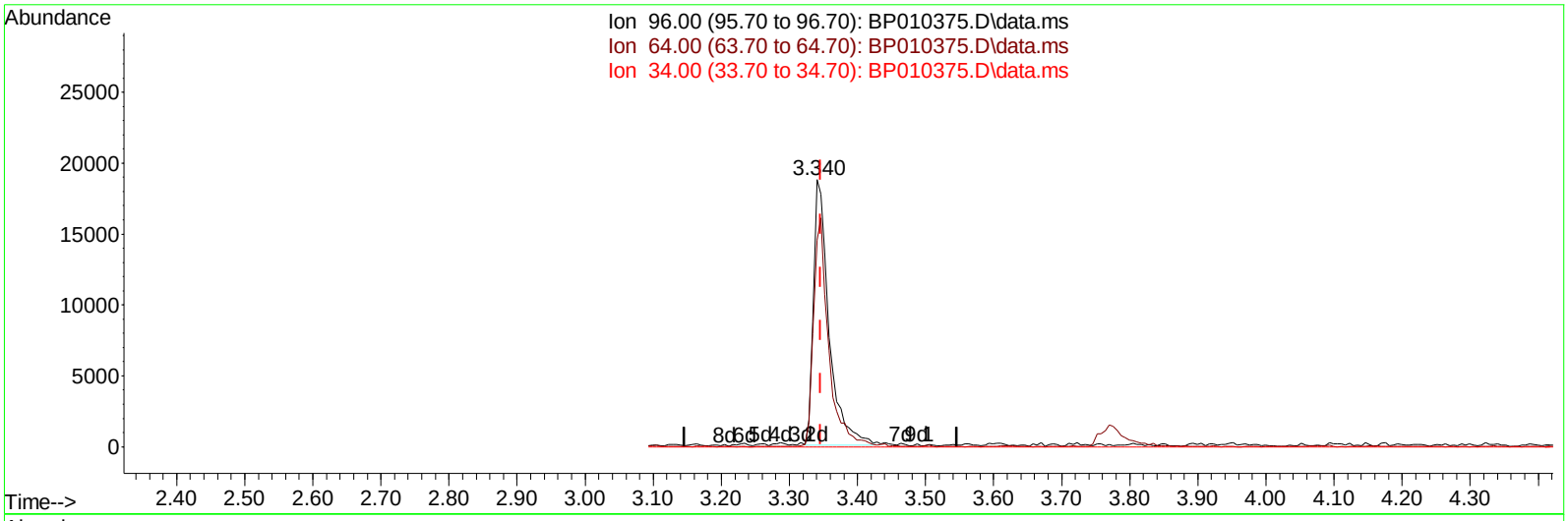

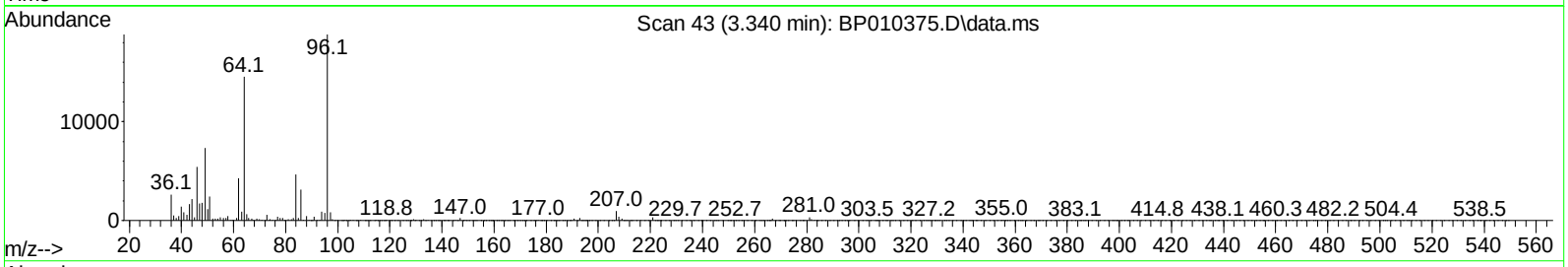

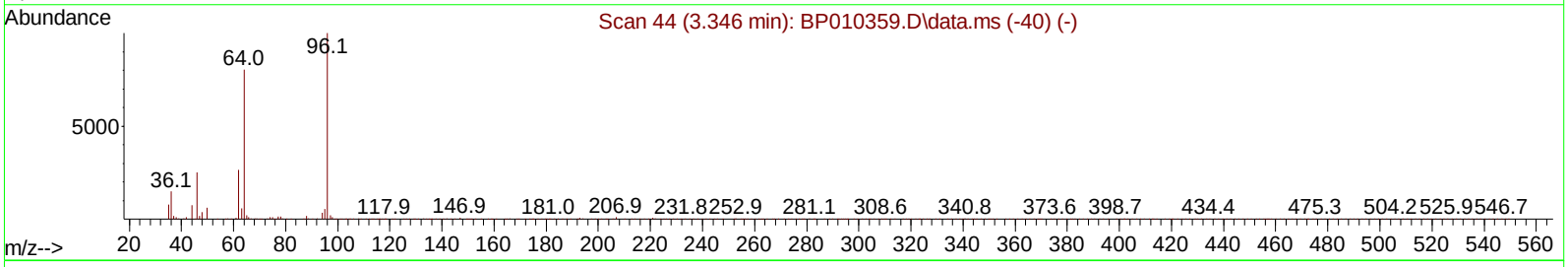

TIC: BP010375.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.340min (-0.006) 7.99 ng/uL m

response 29876

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	55.40	77.42#
34.00	0.00	0.00
0.00	0.00	0.00

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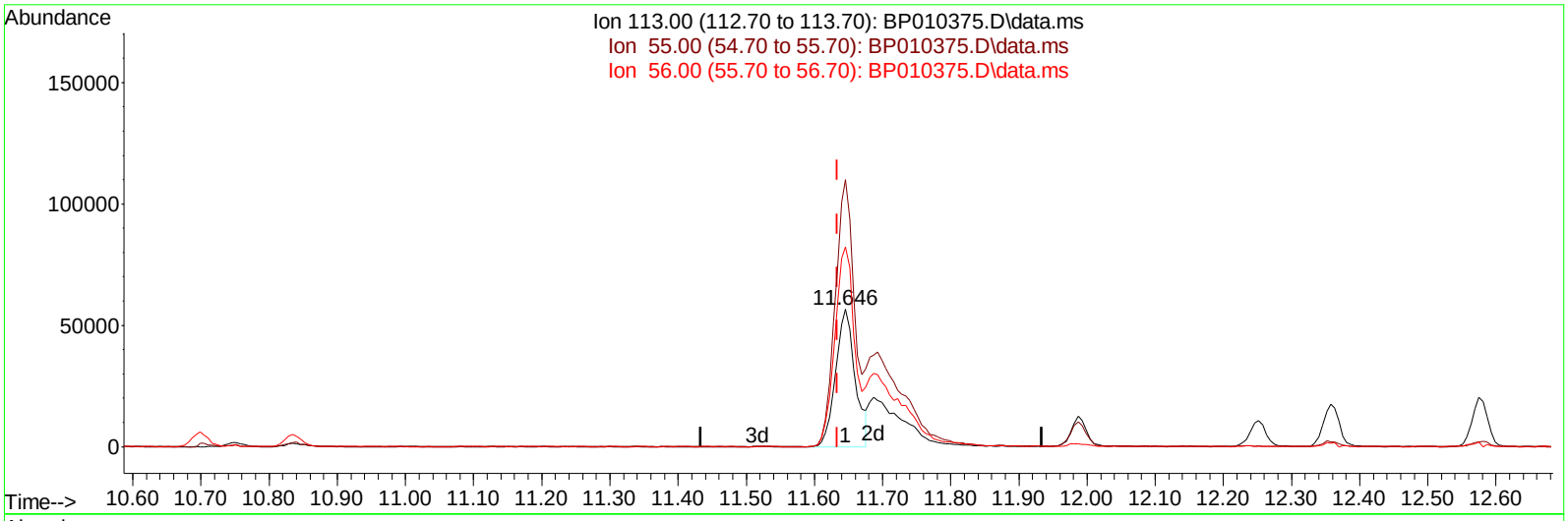

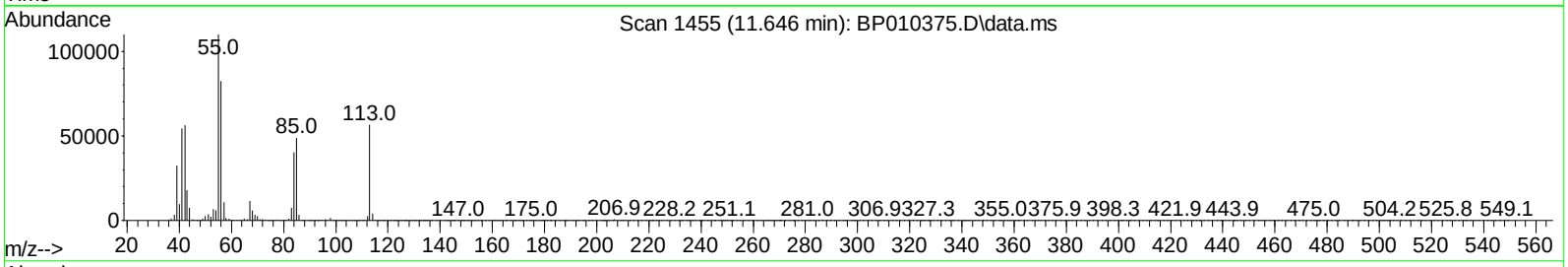

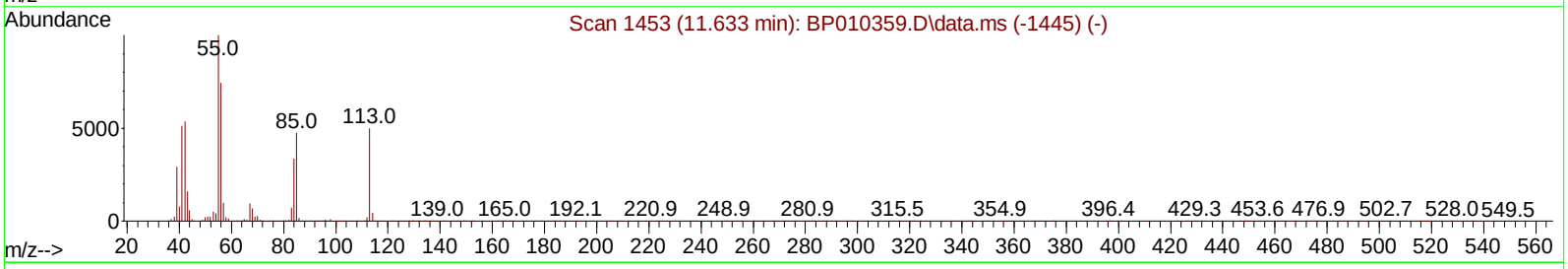

TIC: BP010375.D\data.ms

(34) Caprolactam

11.646min (+ 0.012) 29.35 ng/ul

response 113202

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	194.21#
56.00	85.80	145.48#
0.00	0.00	0.00

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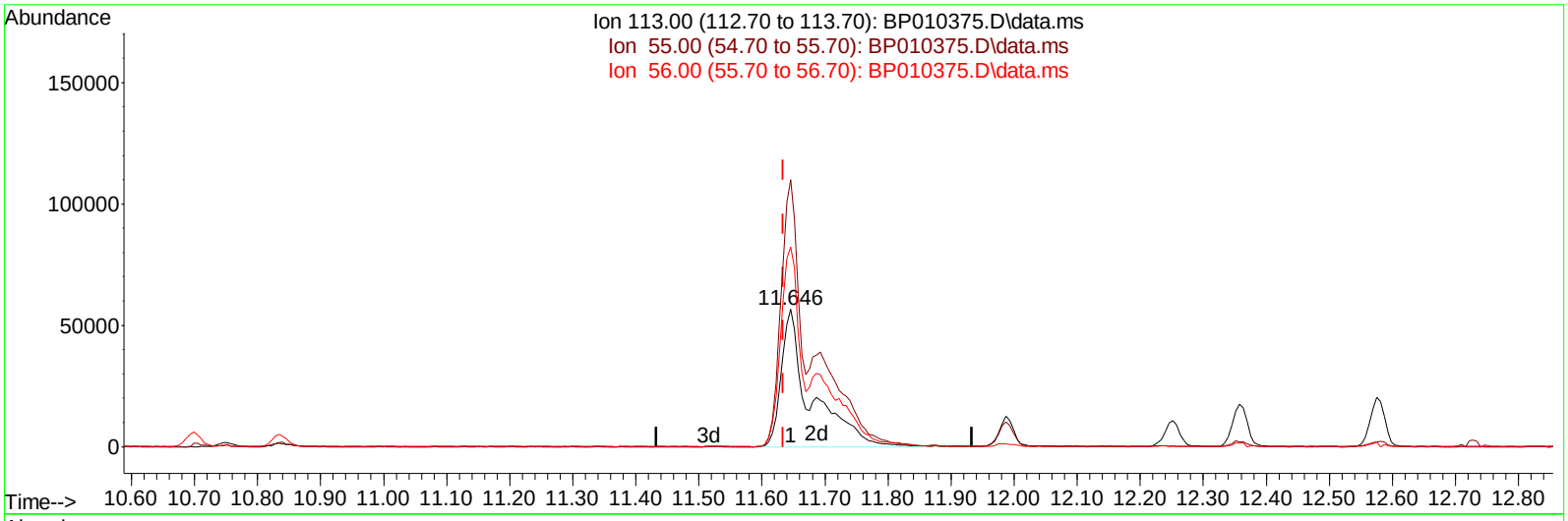

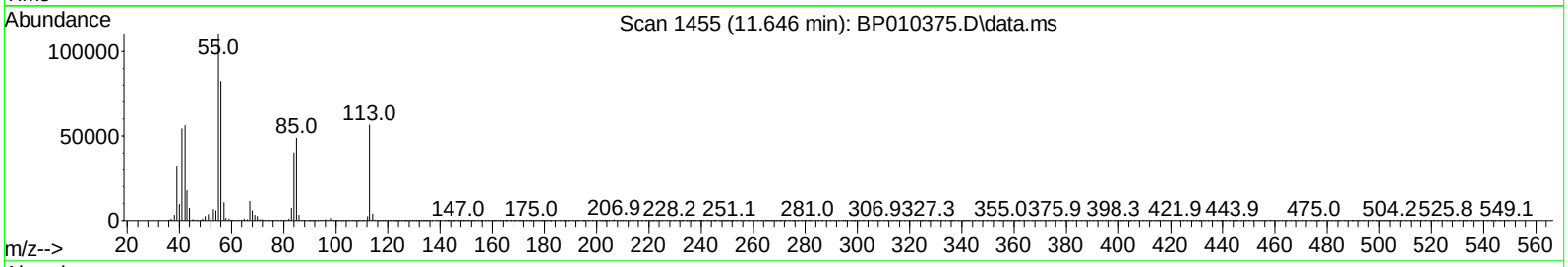

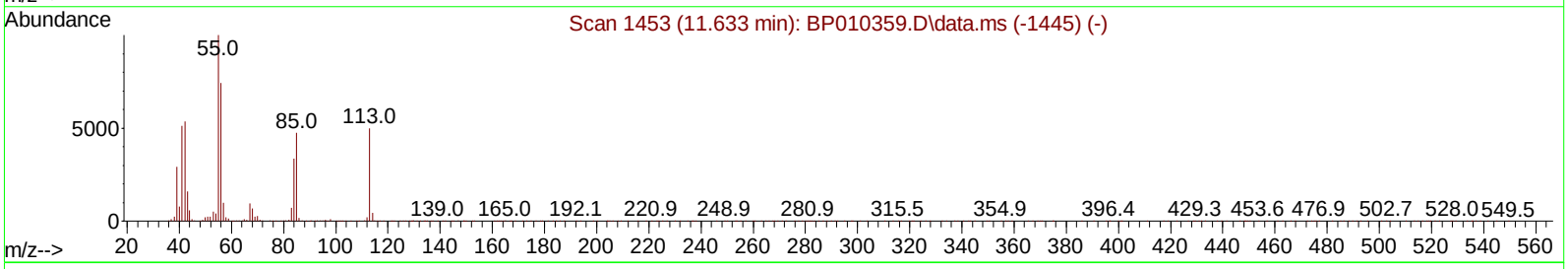

TIC: BP010375.D\data.ms

(34) Caprolactam

11.646min (+ 0.012) 47.85 ng/ul m

response 184522

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	194.21#
56.00	85.80	145.48#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	159318	20.000	ng/ul		0.00
20) Naphthalene-d8	10.699	136	696901	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.528	164	472535	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.281	188	1040508	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.369	240	1036277	20.000	ng/ul	#	0.00
88) Perylene-d12	23.798	264	944981	20.000	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.340	96	29876m	7.993	ng/uL		0.00
4) Pyridine-d5	3.758	84	445194	41.949	ng/ul		0.00
7) Phenol-d5	7.064	99	606134	45.329	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	394592	43.921	ng/ul		0.00
11) 2-Chlorophenol-d4	7.428	132	477690	46.685	ng/ul		0.00
15) 4-Methylphenol-d8	8.611	113	515386	45.352	ng/ul		0.00
21) Nitrobenzene-d5	9.058	128	247344	45.859	ng/ul		0.00
24) 2-Nitrophenol-d4	9.781	143	275529	48.204	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.322	165	500648	46.322	ng/ul		0.00
31) 4-Chloroaniline-d4	10.834	131	636610	39.615	ng/ul		0.00
46) Dimethylphthalate-d6	13.940	166	1592987	45.756	ng/ul		0.00
49) Acenaphthylene-d8	14.222	160	1842613	45.884	ng/ul		0.00
54) 4-Nitrophenol-d4	14.734	143	290739	46.918	ng/ul		0.00
60) Fluorene-d10	15.522	176	1372717	45.322	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	277276	45.565	ng/ul		0.00
73) Anthracene-d10	17.381	188	2136719	45.350	ng/ul		0.00
81) Pyrene-d10	19.616	212	2563045	46.573	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.639	264	2262507	47.681	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	61815	15.965	ng/uL	#	17
5) Pyridine	3.776	79	447477	40.571	ng/ul	#	35
6) Benzaldehyde	7.034	77	391832	55.430	ng/ul		93
8) Phenol	7.093	94	649953	45.054	ng/ul	#	90
10) Bis(2-Chloroethyl)ether	7.322	93	499276	44.019	ng/ul	#	76
12) 2-Chlorophenol	7.464	128	490487	45.918	ng/ul		96
13) 2-Methylphenol	8.346	108	494012	45.873	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.434	45	817899	44.245	ng/ul	#	83
16) Acetophenone	8.722	105	795792	44.570	ng/ul	#	77
17) N-Nitroso-di-n-propyla...	8.716	70	432420	45.253	ng/ul	#	71
18) 4-Methylphenol	8.675	108	542250	45.559	ng/ul		94
19) Hexachloroethane	8.981	117	203299	43.761	ng/ul		82
22) Nitrobenzene	9.099	77	636716	44.922	ng/ul	#	82
23) Isophorone	9.634	82	1212768	46.292	ng/ul	#	97
25) 2-Nitrophenol	9.816	139	296500	47.242	ng/ul	#	85
26) 2,4-Dimethylphenol	9.875	107	598994	43.985	ng/ul	#	78
27) Bis(2-Chloroethoxy)met...	10.110	93	706923	45.319	ng/ul	#	98
29) 2,4-Dichlorophenol	10.352	162	508247	45.995	ng/ul	#	82
30) Naphthalene	10.752	128	1613065	44.315	ng/ul		97
32) 4-Chloroaniline	10.858	127	637060	39.945	ng/ul		98
33) Hexachlorobutadiene	11.040	225	341547	43.619	ng/ul		95
34) Caprolactam	11.646	113	184522m	47.849	ng/ul		
35) 4-Chloro-3-methylphenol	11.987	107	607004	46.958	ng/ul	#	71

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.357	142	1145442	44.450	ng/ul	91
37) 1-Methylnaphthalene	12.575	142	1170342	44.981	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.728	216	645852	44.788	ng/ul#	93
40) Hexachlorocyclopentadiene	12.710	237	342435	43.679	ng/ul	96
41) 2,4,6-Trichlorophenol	12.969	196	432436	48.109	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.040	196	474859	47.314	ng/ul#	86
43) 1,1'-Biphenyl	13.363	154	1569991	45.265	ng/ul#	93
44) 2-Chloronaphthalene	13.404	162	1218816	45.497	ng/ul	94
45) 2-Nitroaniline	13.610	65	439072	49.801	ng/ul#	78
47) Dimethylphthalate	13.987	163	1563462	45.273	ng/ul#	92
48) 2,6-Dinitrotoluene	14.110	165	344709	48.966	ng/ul	92
50) Acenaphthylene	14.251	152	1990383	45.816	ng/ul	95
51) 3-Nitroaniline	14.434	138	319341	48.332	ng/ul#	80
52) Acenaphthene	14.598	153	1286225	45.386	ng/ul	97
53) 2,4-Dinitrophenol	14.646	184	170879	43.477	ng/ul#	77
55) 4-Nitrophenol	14.751	109	254403	46.171	ng/ul#	46
56) Dibenzofuran	14.928	168	1861253	44.814	ng/ul	99
57) 2,4-Dinitrotoluene	14.893	165	496627	49.005	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.157	232	406571	47.109	ng/ul#	86
59) Diethylphthalate	15.351	149	1623239	46.065	ng/ul	93
61) Fluorene	15.581	166	1537191	45.259	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.575	204	800541	45.311	ng/ul	98
63) 4-Nitroaniline	15.604	138	350376	53.707	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.663	198	276201	45.513	ng/ul#	90
67) N-Nitrosodiphenylamine	15.787	169	1344784	46.085	ng/ul	95
68) 4-Bromophenyl-phenylether	16.469	248	491597	45.876	ng/ul	95
69) Hexachlorobenzene	16.593	284	557228	45.208	ng/ul#	90
70) Atrazine	16.745	200	536756	45.917	ng/ul	90
71) Pentachlorophenol	16.934	266	346946	44.860	ng/ul#	84
72) Phenanthrene	17.328	178	2505368	45.117	ng/ul	98
74) Anthracene	17.416	178	2509533	45.049	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	672011	42.497	ng/uL#	85
76) Pentachlorobenzene	14.851	250	635830	44.317	ng/uL	91
77) Carbazole	17.687	167	2248157	45.921	ng/ul#	96
78) Di-n-butylphthalate	18.239	149	2857706	47.926	ng/ul#	93
80) Fluoranthene	19.292	202	3046525	47.636	ng/ul	97
82) Pyrene	19.645	202	3119216	46.736	ng/ul#	94
83) Butylbenzylphthalate	20.510	149	1349232	50.557	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.280	252	968740	46.512	ng/ul#	95
85) Benzo(a)anthracene	21.351	228	2987225	46.098	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.275	149	1983311	50.643	ng/ul#	82
87) Chrysene	21.404	228	2933339	46.020	ng/ul	98
89) Di-n-octyl phthalate	22.204	149	3396137	47.907	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	3013141	47.838	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	2815059	47.025	ng/ul#	97
93) Benzo(a)pyrene	23.692	252	2787977	47.642	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.333	276	2641295	47.977	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.351	278	2306405	48.281	ng/ul#	95
96) Benzo(g,h,i)perylene	27.110	276	2174442	47.302	ng/ul#	92

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

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