Quantitation Report (Qedit)

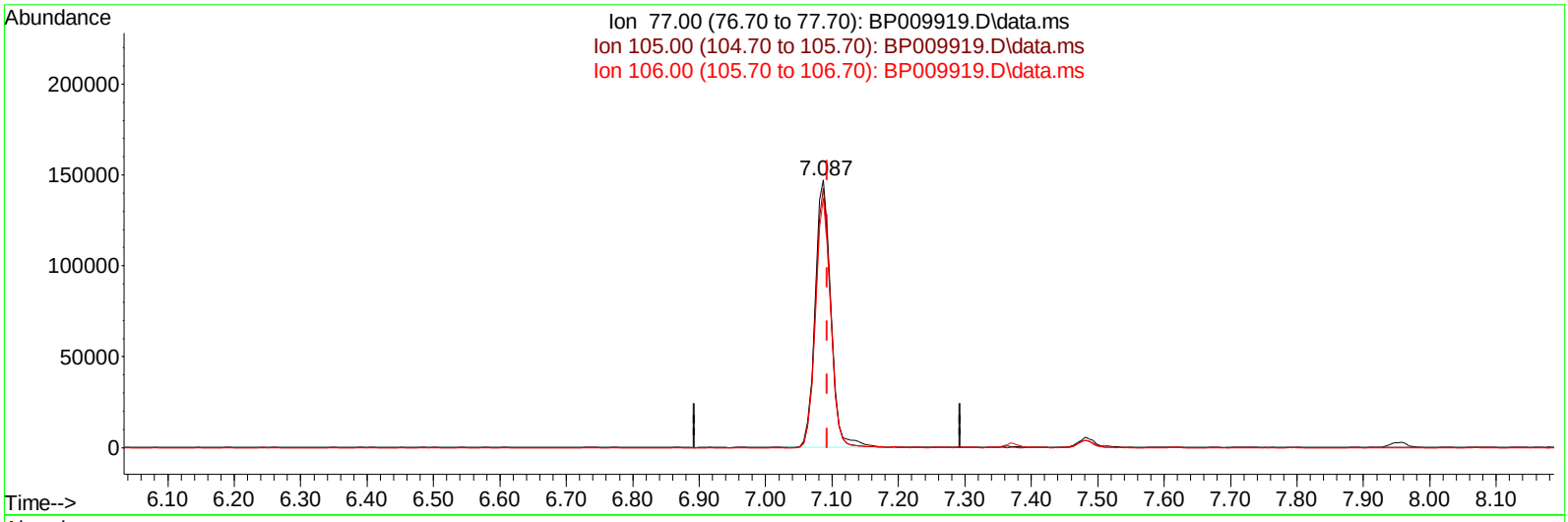
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041822\
Data File : BP009919.D
Acq On : 18 Apr 2022 17:15
Operator : CG/JU
Sample : PB144126BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

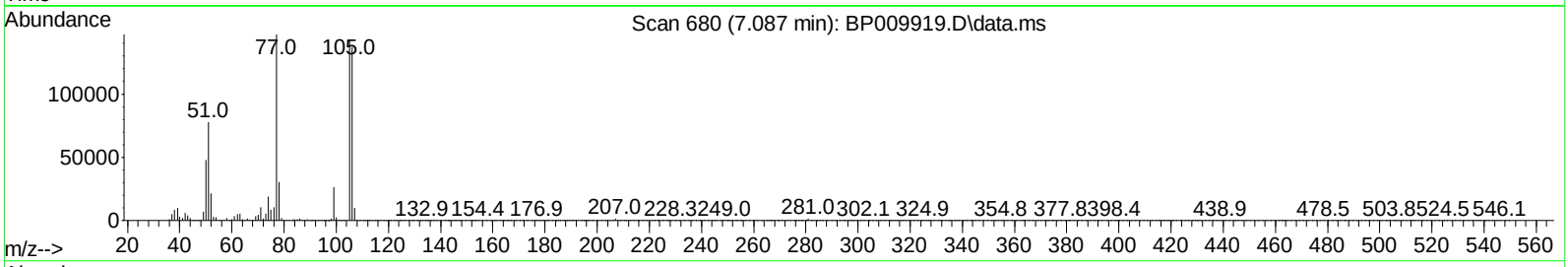
Quant Time: Apr 19 00:56:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 18 00:59:30 2022
Response via : Initial Calibration

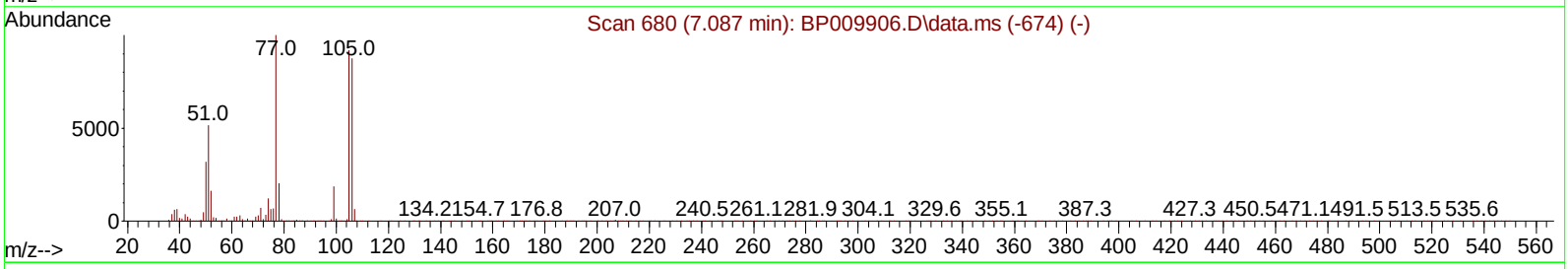
Instrument :
BNA_P
ClientSampleId :
SLCS126

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/22/2022







TIC: BP009919.D\data.ms

(6) Benzaldehyde

7.087min (-0.006) 35.50 ng/ul

response 243658

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.20	96.96
106.00	96.20	93.21
0.00	0.00	0.00

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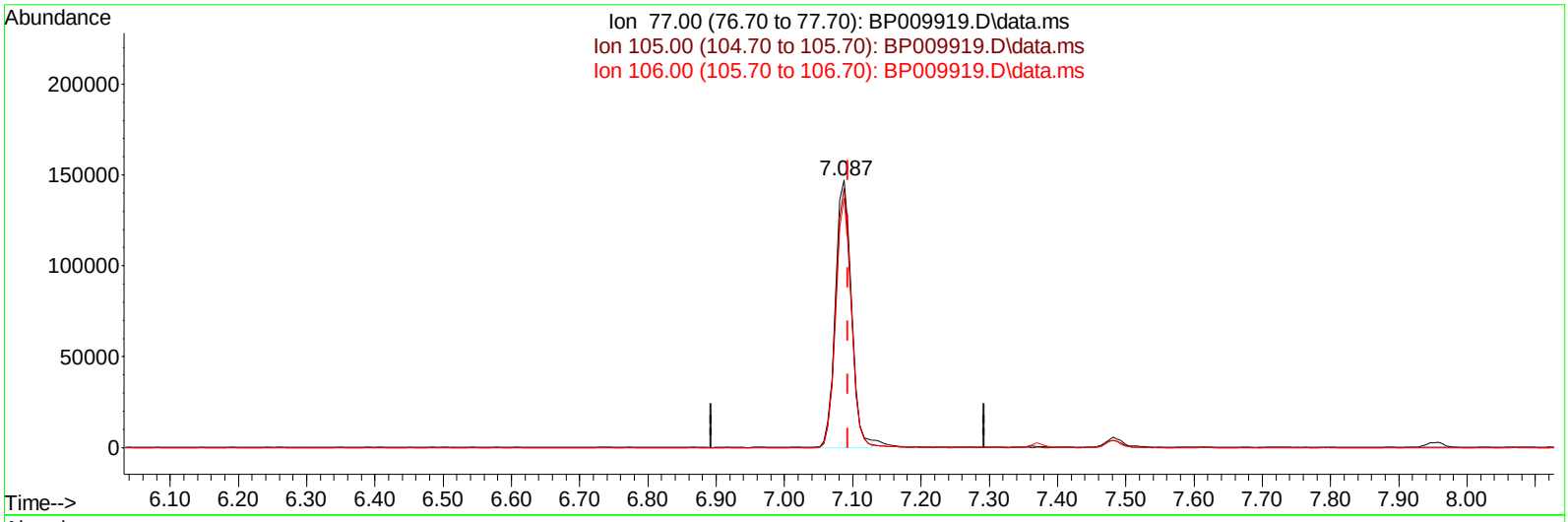

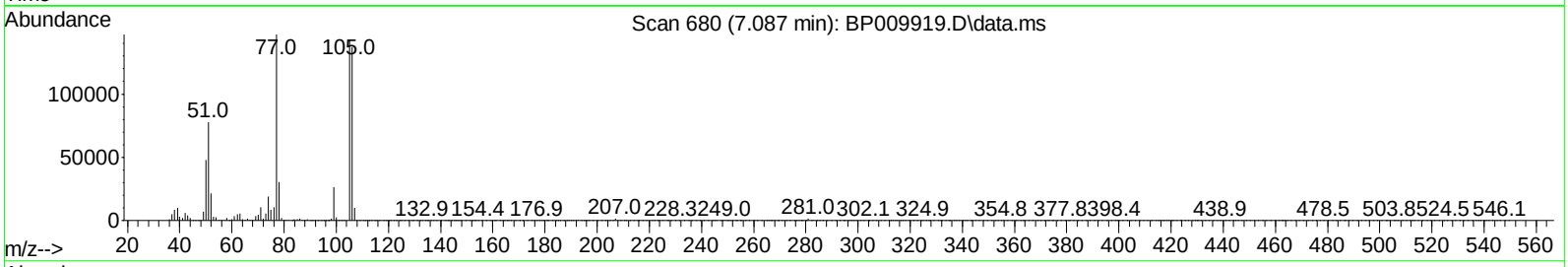

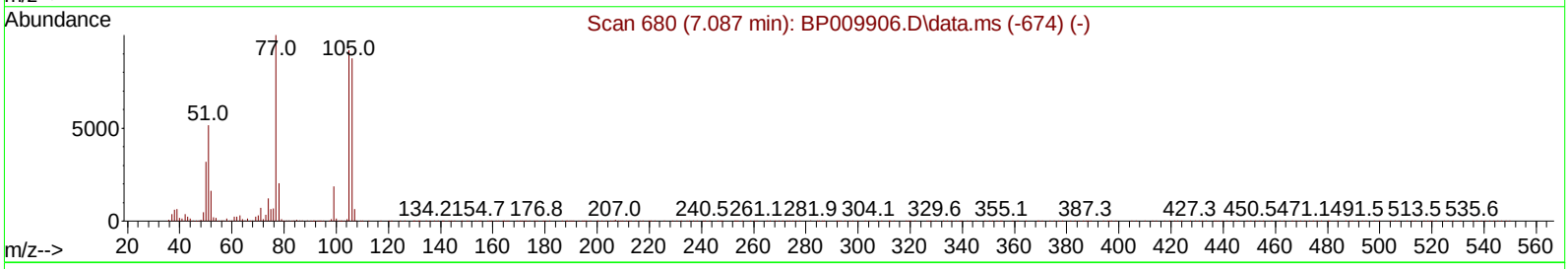

TIC: BP009919.D\data.ms

(6) Benzaldehyde

7.087min (-0.006) 34.86 ng/ul m

response 239279

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.20	96.96
106.00	96.20	93.21
0.00	0.00	0.00

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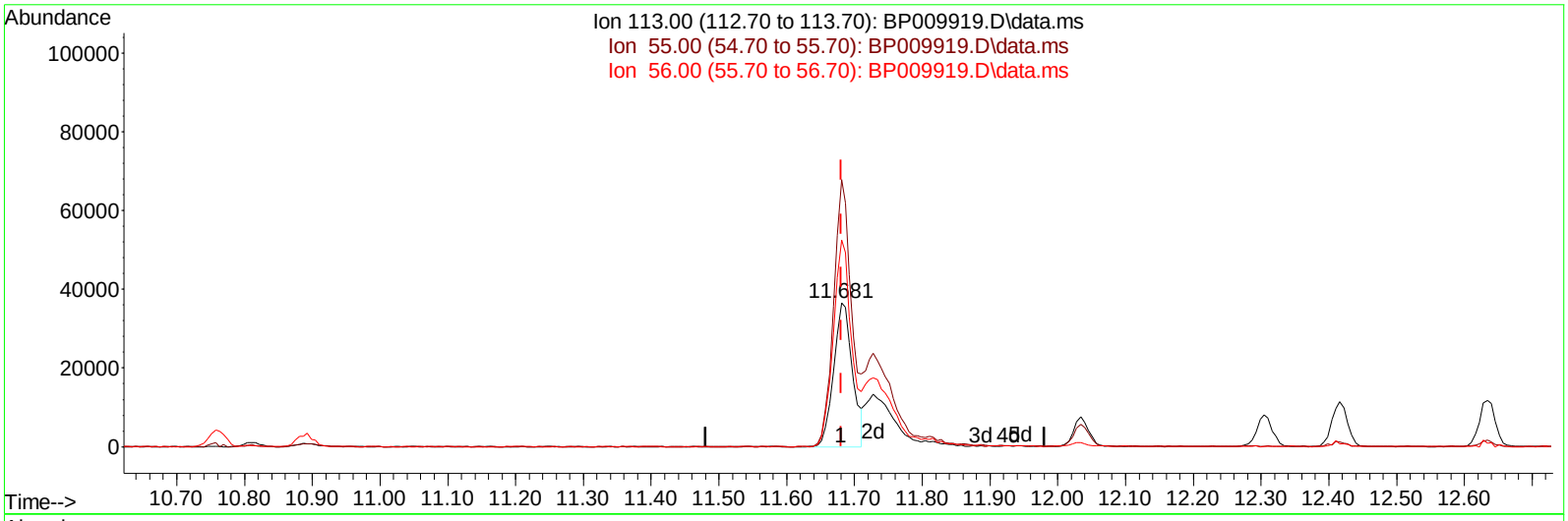

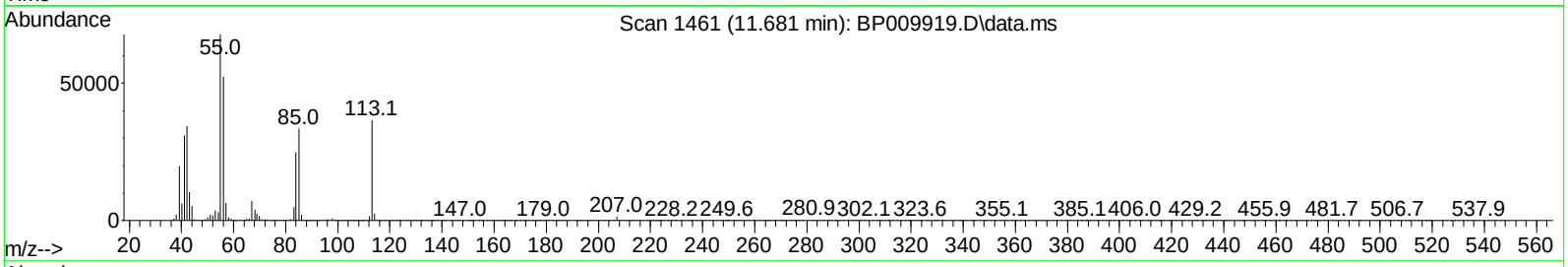

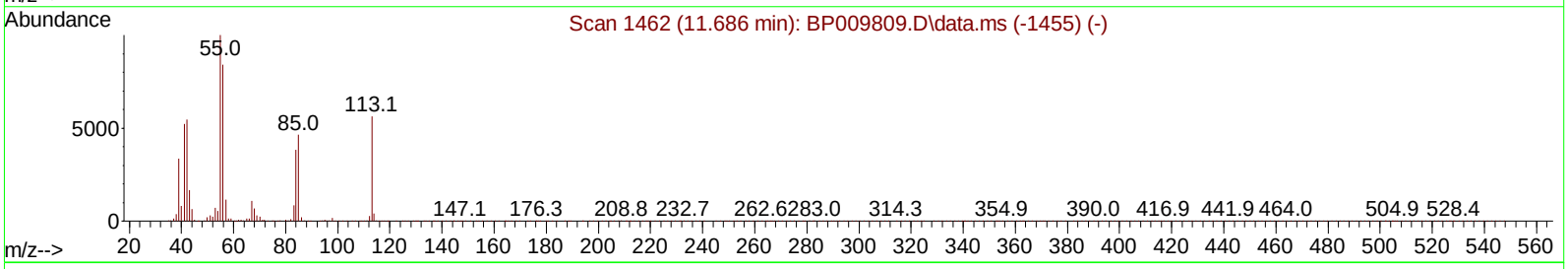

TIC: BP009919.D\data.ms

(34) Caprolactam

11.681min (+ 0.000) 23.86 ng/ul

response 70680

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	185.40#
56.00	85.80	143.54#
0.00	0.00	0.00

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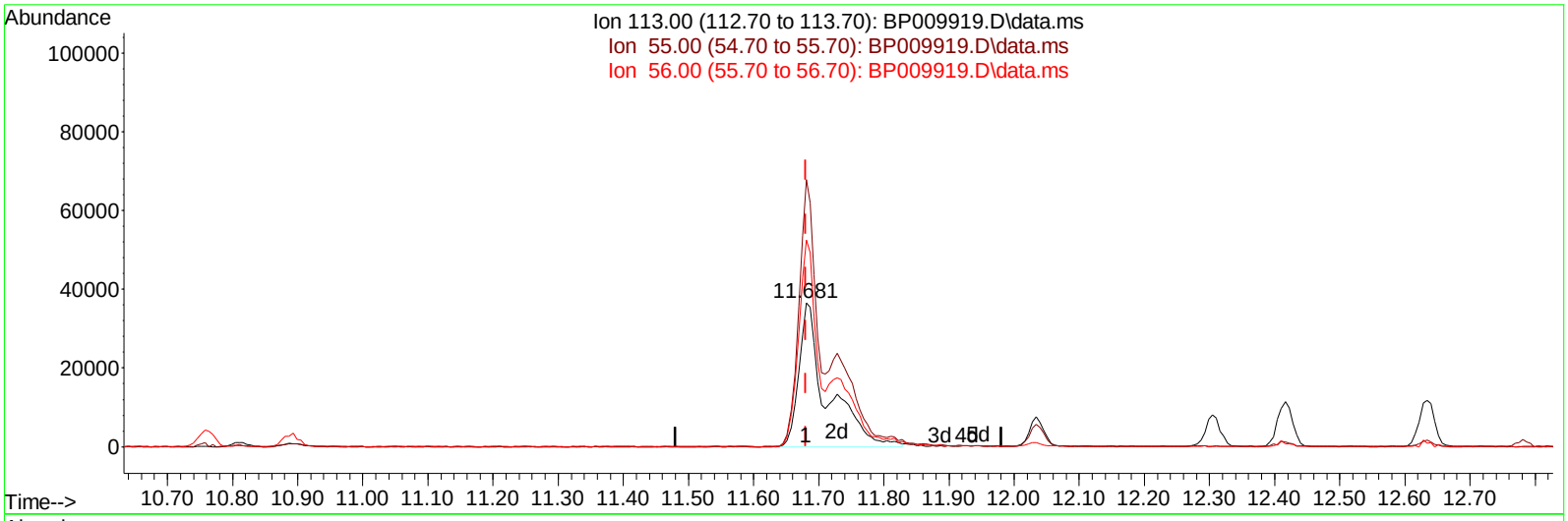

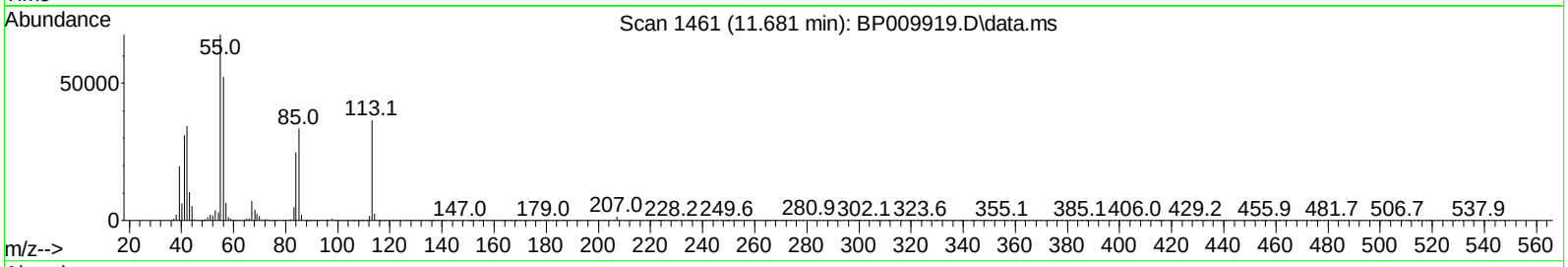

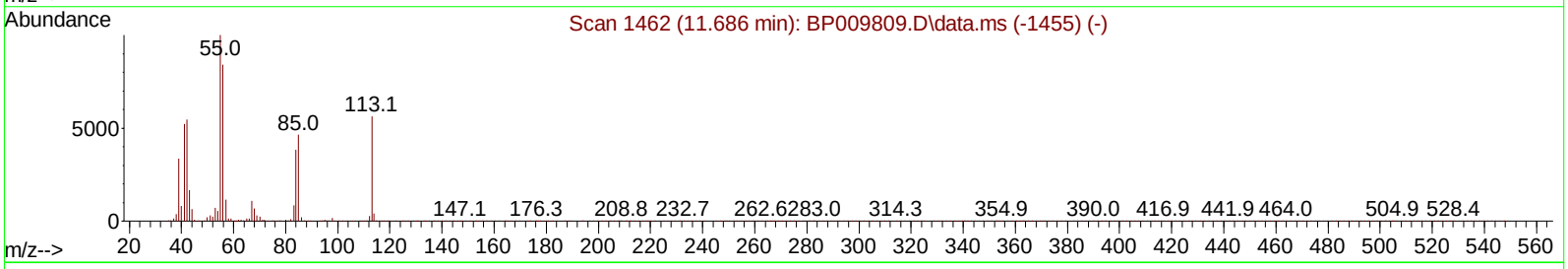

TIC: BP009919.D\data.ms

(34) Caprolactam

11.681min (+ 0.000) 37.18 ng/ul m

response 110150

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	185.40#
56.00	85.80	143.54#
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	7.952	152	127474	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	558484	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	391333	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	864950	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.416	240	922142	20.000	ng/ul	# 0.00
88) Perylene-d12	23.880	264	855122	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	19127	6.697	ng/uL	0.00
4) Pyridine-d5	3.793	84	266463	33.836	ng/ul	0.00
7) Phenol-d5	7.111	99	376558	33.647	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	234461	35.190	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	299089	35.429	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	320687	34.326	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	152607	37.892	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	170053	38.513	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.375	165	319847	34.617	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	404763	30.758	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	1063784	34.606	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1219287	33.480	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	194240	34.842	ng/ul	0.00
60) Fluorene-d10	15.575	176	917657	35.486	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	192041	37.479	ng/ul	0.00
73) Anthracene-d10	17.433	188	1493136	36.055	ng/ul	0.00
81) Pyrene-d10	19.663	212	1834277	36.421	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	1646759	36.979	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	37143	12.756	ng/uL#	20
5) Pyridine	3.811	79	272237	33.132	ng/ul#	44
6) Benzaldehyde	7.087	77	239279m	34.863	ng/ul	
8) Phenol	7.134	94	388396	34.671	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.369	93	297800	34.128	ng/ul#	79
12) 2-Chlorophenol	7.516	128	296114	34.793	ng/ul	92
13) 2-Methylphenol	8.393	108	294380	33.700	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.487	45	427937	33.177	ng/ul#	85
16) Acetophenone	8.775	105	483619	32.856	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.763	70	250916	32.880	ng/ul#	76
18) 4-Methylphenol	8.722	108	325668	34.427	ng/ul	96
19) Hexachloroethane	9.040	117	119337	33.211	ng/ul	83
22) Nitrobenzene	9.152	77	374158	36.194	ng/ul#	86
23) Isophorone	9.687	82	702667	32.987	ng/ul#	96
25) 2-Nitrophenol	9.869	139	177508	37.693	ng/ul#	83
26) 2,4-Dimethylphenol	9.928	107	374250	33.488	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.169	93	417231	33.362	ng/ul#	97
29) 2,4-Dichlorophenol	10.404	162	314147	35.071	ng/ul#	84
30) Naphthalene	10.810	128	983523	34.242	ng/ul	98
32) 4-Chloroaniline	10.916	127	396328	30.433	ng/ul	98
33) Hexachlorobutadiene	11.104	225	215150	33.350	ng/ul	95
34) Caprolactam	11.681	113	110150m	37.183	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	375191	34.568	ng/ul#	75

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.416	142	707407	33.712 ng/ul	90
37) 1-Methylnaphthalene	12.634	142	714264	33.711 ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.787	216	409231	34.180 ng/ul	94
40) Hexachlorocyclopentadiene	12.769	237	235594	28.356 ng/ul	97
41) 2,4,6-Trichlorophenol	13.022	196	271201	35.469 ng/ul#	84
42) 2,4,5-Trichlorophenol	13.087	196	302942	36.662 ng/ul#	88
43) 1,1'-Biphenyl	13.422	154	981063	34.359 ng/ul	93
44) 2-Chloronaphthalene	13.463	162	761250	34.684 ng/ul	93
45) 2-Nitroaniline	13.657	65	256763	39.919 ng/ul#	81
47) Dimethylphthalate	14.040	163	1006014	34.003 ng/ul#	93
48) 2,6-Dinitrotoluene	14.151	165	215422	39.585 ng/ul	94
50) Acenaphthylene	14.304	152	1247827	34.720 ng/ul	95
51) 3-Nitroaniline	14.481	138	204677	36.178 ng/ul#	82
52) Acenaphthene	14.651	153	800857	34.034 ng/ul	96
53) 2,4-Dinitrophenol	14.687	184	114060	34.674 ng/ul#	83
55) 4-Nitrophenol	14.787	109	167593	32.658 ng/ul#	48
56) Dibenzofuran	14.981	168	1202746	34.729 ng/ul	99
57) 2,4-Dinitrotoluene	14.940	165	320124	40.060 ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.210	232	267721	35.535 ng/ul#	87
59) Diethylphthalate	15.404	149	1042467	34.046 ng/ul	93
61) Fluorene	15.634	166	983072	34.462 ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.628	204	510701	33.670 ng/ul	98
63) 4-Nitroaniline	15.645	138	226183	39.915 ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.704	198	185383	36.398 ng/ul#	91
67) N-Nitrosodiphenylamine	15.839	169	865589	34.959 ng/ul	95
68) 4-Bromophenyl-phenylether	16.522	248	321221	34.308 ng/ul	95
69) Hexachlorobenzene	16.645	284	374022	34.741 ng/ul#	91
70) Atrazine	16.792	200	348331	34.083 ng/ul#	89
71) Pentachlorophenol	16.986	266	243491	33.413 ng/ul#	83
72) Phenanthrene	17.381	178	1654178	35.828 ng/ul	99
74) Anthracene	17.469	178	1673149	35.744 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	438586	35.072 ng/uL#	88
76) Pentachlorobenzene	14.904	250	423010	34.704 ng/uL	89
77) Carbazole	17.733	167	1502947	35.529 ng/ul#	96
78) Di-n-butylphthalate	18.286	149	1817602	34.941 ng/ul#	93
80) Fluoranthene	19.339	202	2065982	35.639 ng/ul#	96
82) Pyrene	19.692	202	2112182	35.937 ng/ul#	94
83) Butylbenzylphthalate	20.563	149	854816	35.454 ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.327	252	640672	32.603 ng/ul#	96
85) Benzo(a)anthracene	21.404	228	2095903	35.853 ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.327	149	1254500	34.591 ng/ul#	83
87) Chrysene	21.457	228	2029908	35.989 ng/ul	100
89) Di-n-octyl phthalate	22.274	149	2153314	35.941 ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	2067527	36.391 ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	1949137	37.597 ng/ul#	98
93) Benzo(a)pyrene	23.774	252	1934168	36.727 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.457	276	1966609	35.711 ng/ul#	93
95) Dibenzo(a,h)anthracene	26.474	278	1685700	35.301 ng/ul#	95
96) Benzo(g,h,i)perylene	27.239	276	1619244	35.660 ng/ul	93

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

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