Quantitation Report (Qedit)

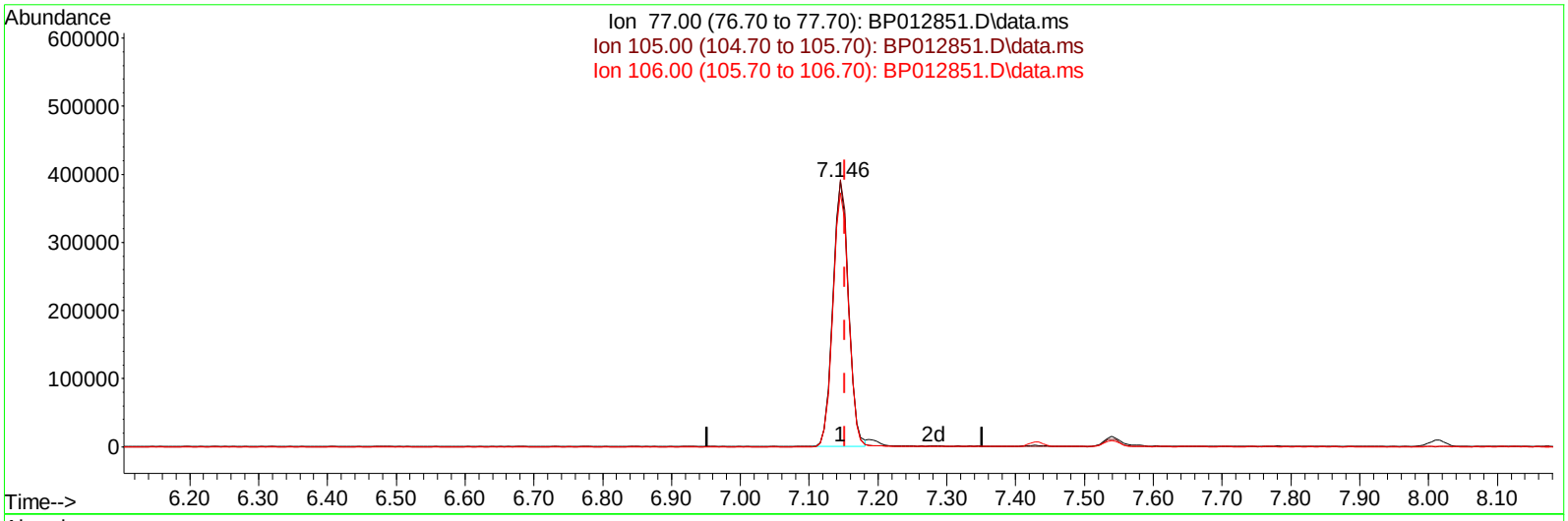
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112922\
Data File : BP012851.D
Acq On : 29 Nov 2022 14:38
Operator : CG/JU
Sample : PB149236BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

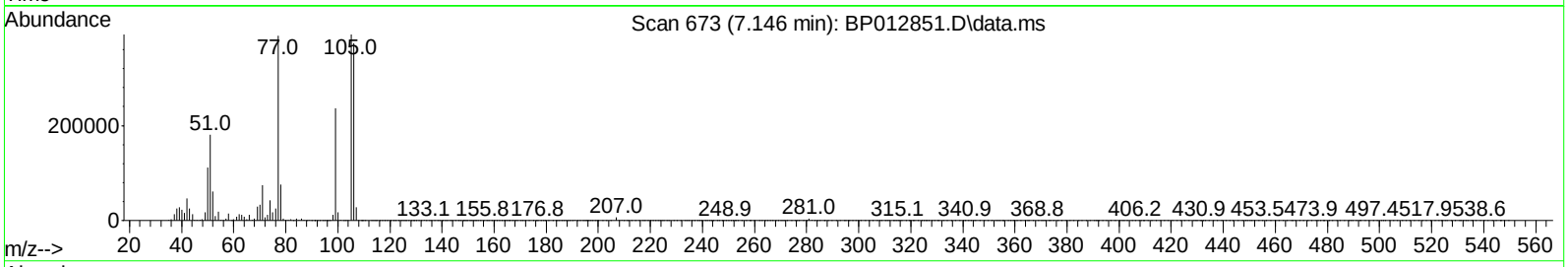
Quant Time: Nov 29 21:58:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration

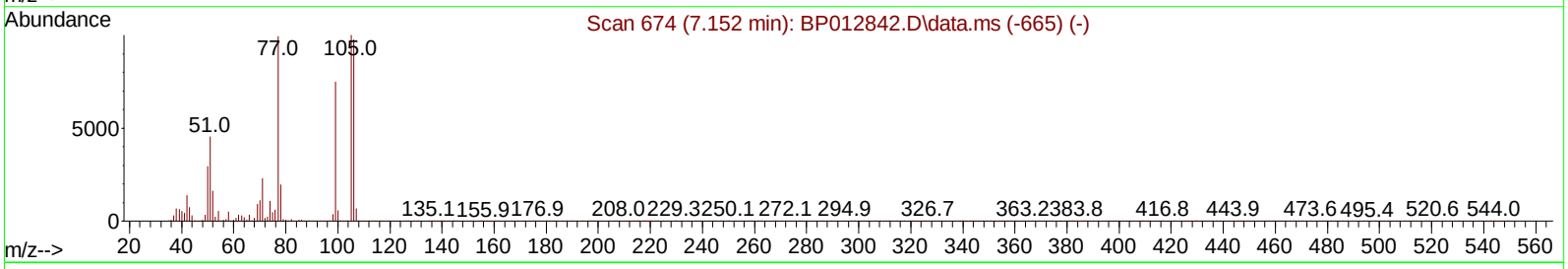
Instrument :
BNA_P
ClientSampleId :
SLCS236

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/30/2022
Supervised By :mohammad ahmed 11/30/2022







TIC: BP012851.D\data.ms

(6) Benzaldehyde

7.146min (-0.006) 31.79 ng/ul

response 608048

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.80	100.51
106.00	96.70	95.65
0.00	0.00	0.00

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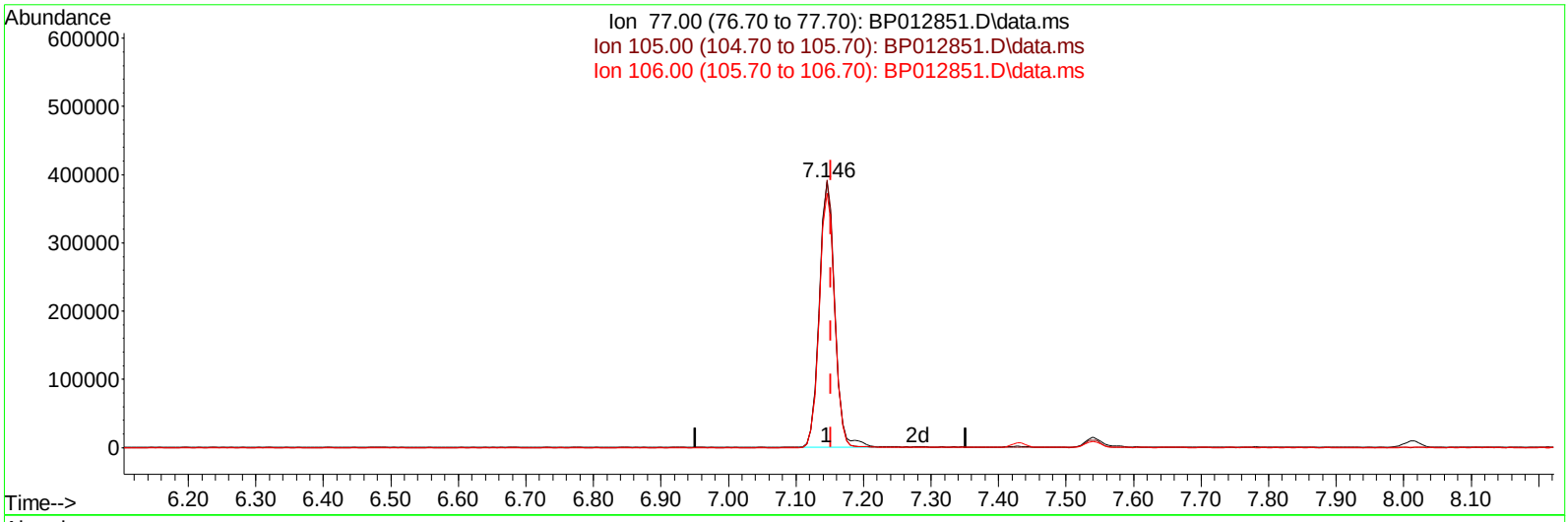

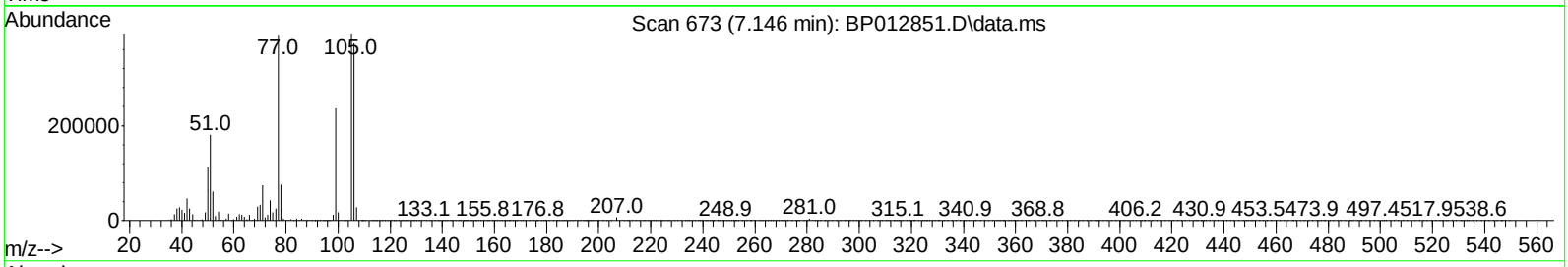

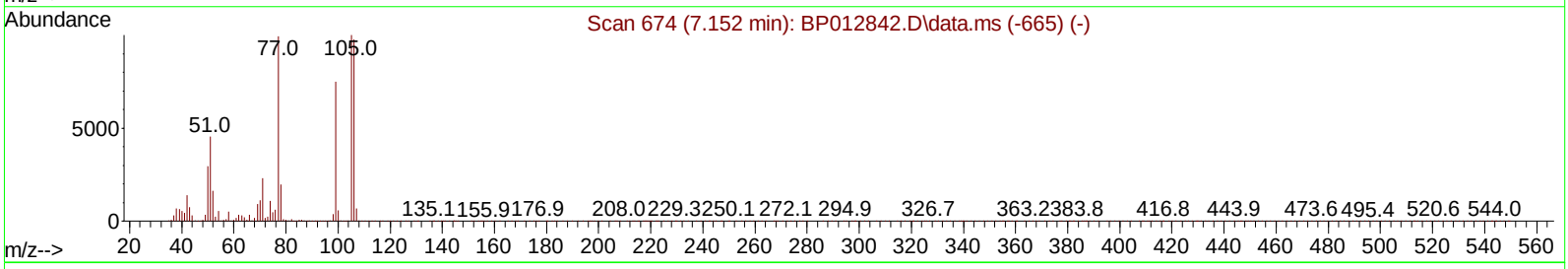

TIC: BP012851.D\data.ms

(6) Benzaldehyde

7.146min (-0.006) 32.46 ng/ul m

response 620847

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.80	100.51
106.00	96.70	95.65
0.00	0.00	0.00

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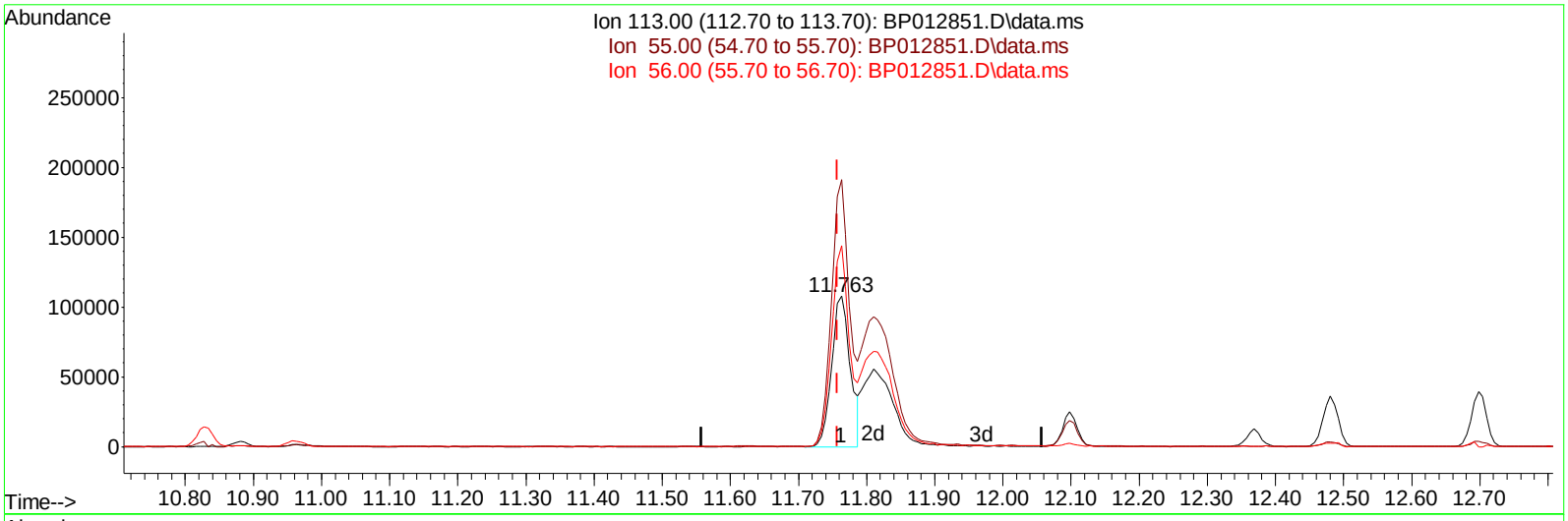

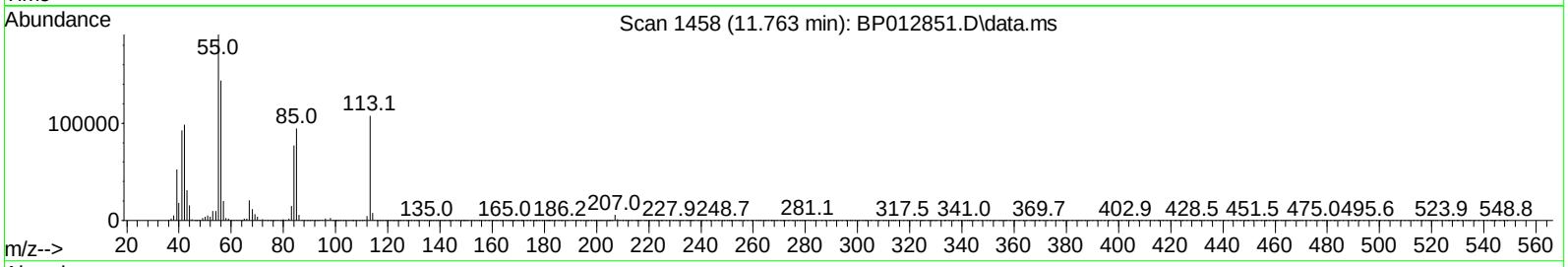

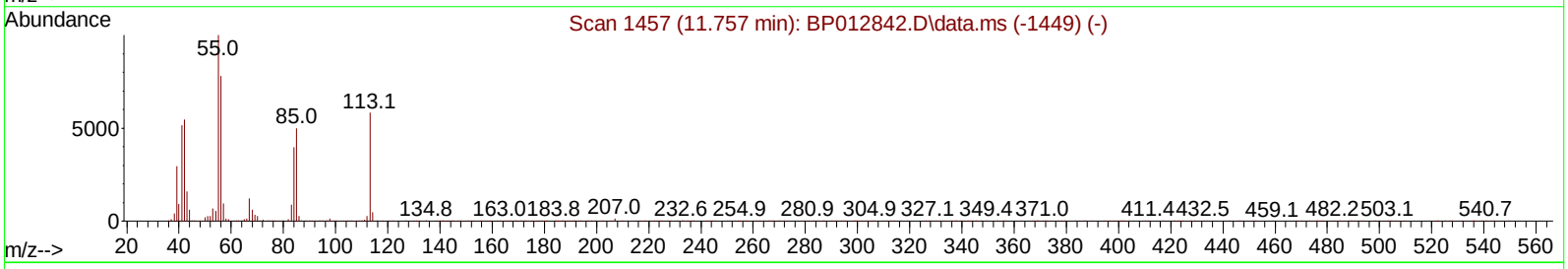

TIC: BP012851.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 19.20 ng/ul

response 204126

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	177.41
56.00	133.90	133.50
0.00	0.00	0.00

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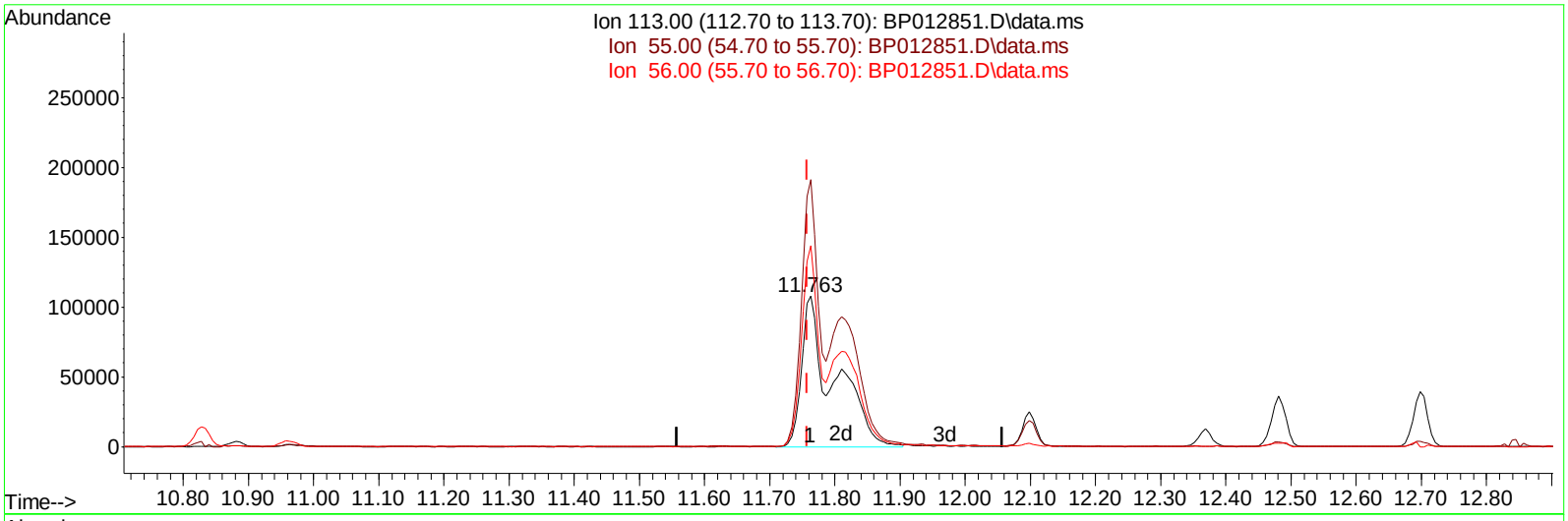

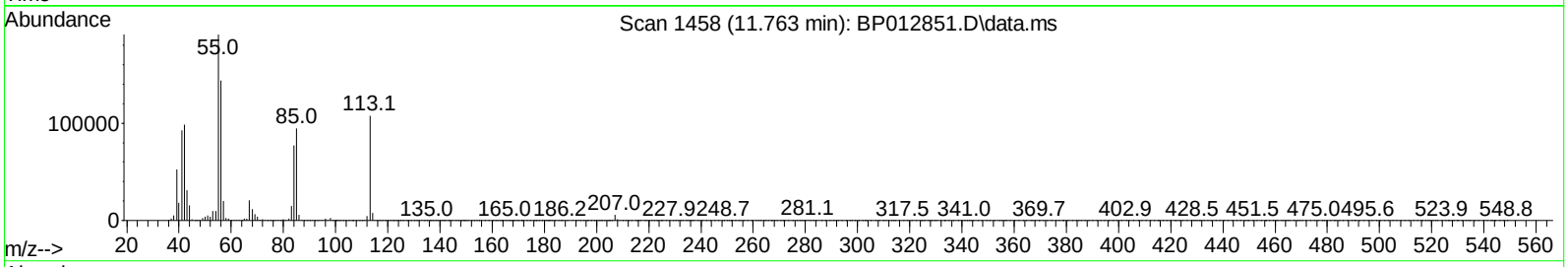

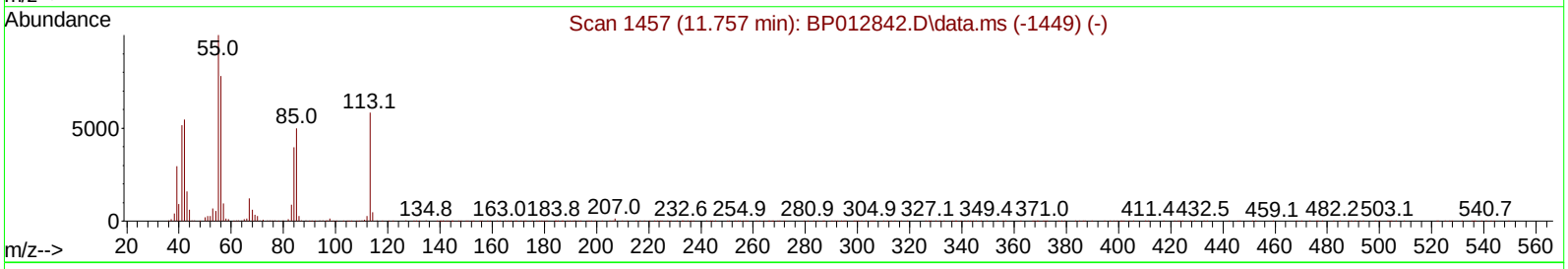

TIC: BP012851.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 35.15 ng/ul m

response 373636

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	177.41
56.00	133.90	133.50
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	8.010	152	476732	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	2203703	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1499878	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	3295505	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	3370185	20.000	ng/ul	0.00
88) Perylene-d12	23.998	264	3117816	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	66001	5.933	ng/uL	0.00
4) Pyridine-d5	3.816	84	920861	27.659	ng/ul	0.00
7) Phenol-d5	7.163	99	1366866	34.892	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	812778	33.671	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	1034967	34.672	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	1100503	34.867	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	500735	37.125	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	552245	38.560	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	1141642	34.164	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	733346	16.026	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	3447056	33.389	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	4011410	33.301	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	680903	36.993	ng/ul	0.00
60) Fluorene-d10	15.639	176	3081565	34.083	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	588235	37.346	ng/ul	0.00
73) Anthracene-d10	17.504	188	4917552	33.899	ng/ul	0.00
81) Pyrene-d10	19.727	212	5851057	29.879	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	5281711	34.488	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	137630	11.519	ng/uL	98
5) Pyridine	3.840	79	995834	30.569	ng/ul	99
6) Benzaldehyde	7.146	77	620847m	32.459	ng/ul	
8) Phenol	7.187	94	1421870	34.615	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	1103863	32.798	ng/ul	98
12) 2-Chlorophenol	7.575	128	1098267	33.824	ng/ul	99
13) 2-Methylphenol	8.451	108	1080205	33.836	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.545	45	1562688	32.190	ng/ul	98
16) Acetophenone	8.840	105	1727505	34.532	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	852576	34.596	ng/ul	98
18) 4-Methylphenol	8.781	108	1208601	34.374	ng/ul	98
19) Hexachloroethane	9.104	117	404325	32.471	ng/ul	96
22) Nitrobenzene	9.222	77	1251309	35.373	ng/ul	99
23) Isophorone	9.751	82	2467957	31.646	ng/ul	100
25) 2-Nitrophenol	9.939	139	637152	37.064	ng/ul	96
26) 2,4-Dimethylphenol	9.992	107	1261021	33.011	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.234	93	1534075	32.085	ng/ul	100
29) 2,4-Dichlorophenol	10.469	162	1153916	33.334	ng/ul	99
30) Naphthalene	10.881	128	3709150	32.143	ng/ul	100
32) 4-Chloroaniline	10.986	127	1136160	24.176	ng/ul	99
33) Hexachlorobutadiene	11.163	225	709760	30.782	ng/ul	100
34) Caprolactam	11.763	113	373636m	35.149	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	1232295	35.154	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.481	142	2600476	32.726	ng/ul	99
37) 1-Methylnaphthalene	12.698	142	2606898	32.734	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	1475313	30.846	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	667547	28.966	ng/ul	99
41) 2,4,6-Trichlorophenol	13.080	196	953387	31.858	ng/ul	98
42) 2,4,5-Trichlorophenol	13.151	196	1055760	32.817	ng/ul	99
43) 1,1'-Biphenyl	13.486	154	3466671	31.728	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	2779616	31.800	ng/ul	99
45) 2-Nitroaniline	13.728	65	740211	43.282	ng/ul	95
47) Dimethylphthalate	14.104	163	3567983	32.970	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	681898	40.263	ng/ul	99
50) Acenaphthylene	14.375	152	4318843	32.789	ng/ul	100
51) 3-Nitroaniline	14.551	138	690237	35.190	ng/ul	97
52) Acenaphthene	14.716	153	3012245	32.483	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	393940	36.198	ng/ul	98
55) 4-Nitrophenol	14.851	109	482921	36.113	ng/ul	96
56) Dibenzofuran	15.045	168	4216697	32.989	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	1025428	41.029	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.269	232	917297	33.081	ng/ul	98
59) Diethylphthalate	15.469	149	3471353	33.138	ng/ul	99
61) Fluorene	15.698	166	3455004	33.706	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.692	204	1760279	33.098	ng/ul	98
63) 4-Nitroaniline	15.716	138	739734	44.249	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.769	198	622046	36.792	ng/ul	96
67) N-Nitrosodiphenylamine	15.904	169	3004521	32.079	ng/ul	100
68) 4-Bromophenyl-phenylether	16.586	248	1062331	32.753	ng/ul	98
69) Hexachlorobenzene	16.704	284	1327076	32.101	ng/ul	97
70) Atrazine	16.857	200	392132	12.203	ng/ul	98
71) Pentachlorophenol	17.045	266	773218	30.457	ng/ul	99
72) Phenanthrene	17.445	178	5800371	33.024	ng/ul	100
74) Anthracene	17.539	178	5786303	33.300	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	1478661	29.023	ng/uL	99
76) Pentachlorobenzene	14.969	250	1458137	27.532	ng/uL	99
77) Carbazole	17.804	167	5288651	35.978	ng/ul	100
78) Di-n-butylphthalate	18.351	149	5875613	33.765	ng/ul	99
80) Fluoranthene	19.404	202	6953647	28.548	ng/ul	99
82) Pyrene	19.757	202	7211563	28.626	ng/ul	100
83) Butylbenzylphthalate	20.621	149	2468294	41.869	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.398	252	1825877	29.502	ng/ul	99
85) Benzo(a)anthracene	21.474	228	7164224	30.735	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.386	149	3538041	39.243	ng/ul	100
87) Chrysene	21.527	228	6697542	29.717	ng/ul	99
89) Di-n-octyl phthalate	22.351	149	5885432	33.056	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	7022073	30.415	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	6751616	29.296	ng/ul	99
93) Benzo(a)pyrene	23.892	252	5962246	31.405	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.639	276	6455186	35.242	ng/ul	100
95) Dibenzo(a,h)anthracene	26.650	278	5706583	34.335	ng/ul	99
96) Benzo(g,h,i)perylene	27.444	276	5386263	34.188	ng/ul	99

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

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