Quantitation Report (Qedit)

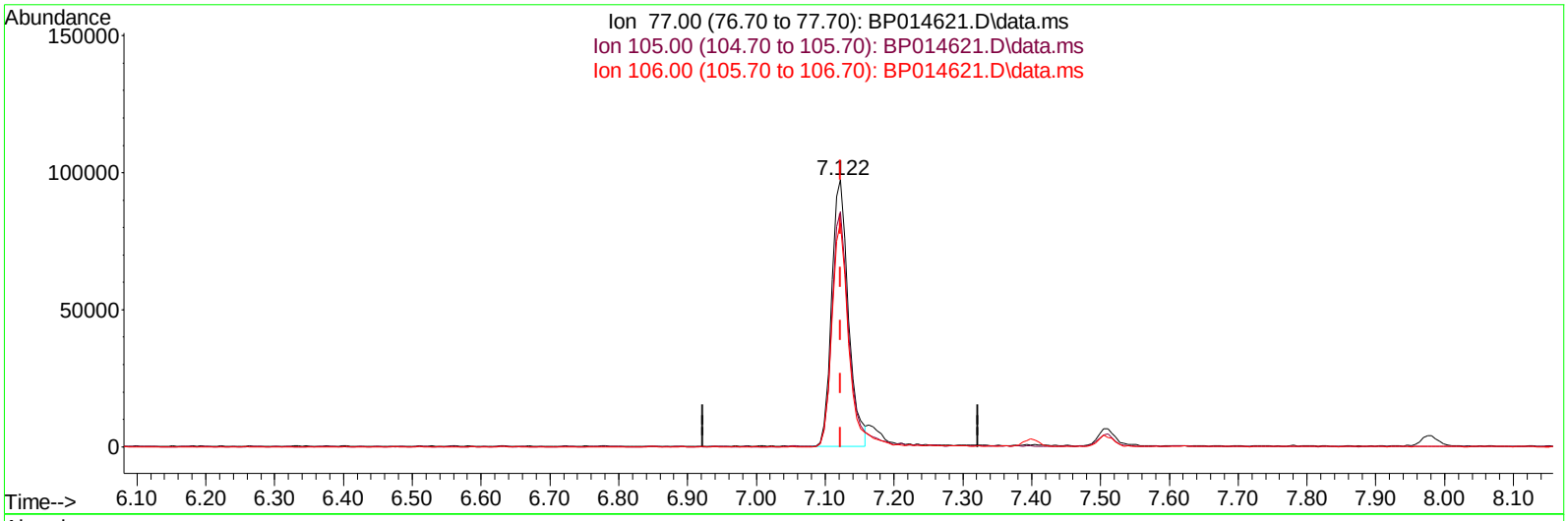
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040723\
Data File : BP014621.D
Acq On : 08 Apr 2023 00:36
Operator : CG/JU
Sample : PB151979BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

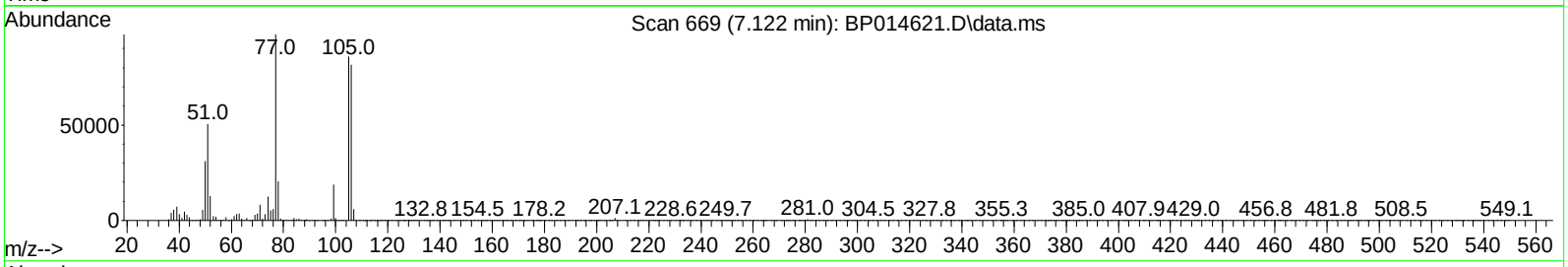
Quant Time: Apr 08 01:52:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 00:45:34 2023
Response via : Initial Calibration

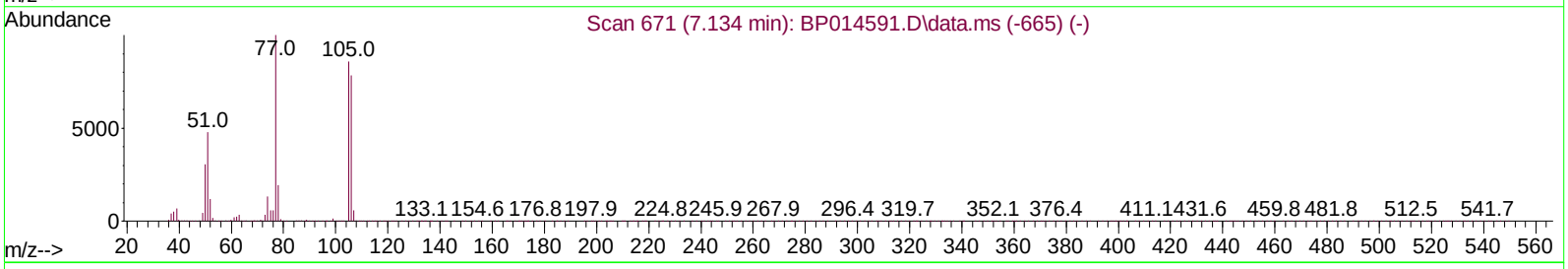
Instrument :
BNA_P
ClientSampleId :
SLCS979

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023







TIC: BP014621.D\data.ms

(6) Benzaldehyde

7.122min (-0.000) 24.83 ng/ul

response 162726

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.20	88.08
106.00	83.10	83.81
0.00	0.00	0.00

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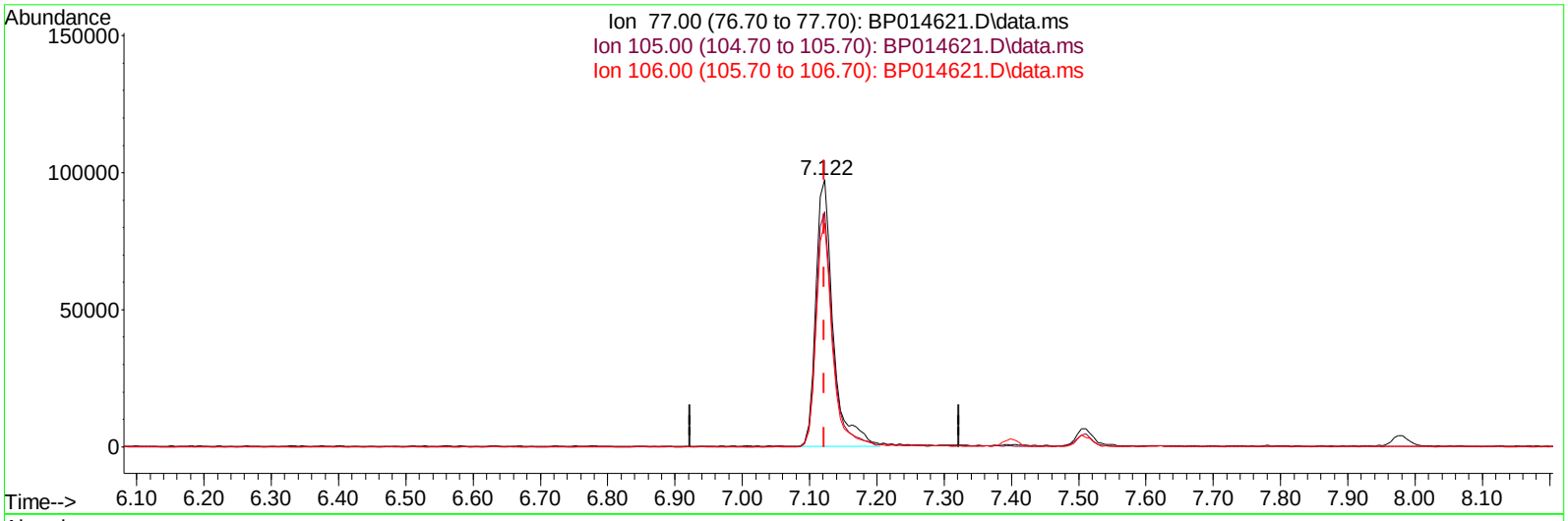

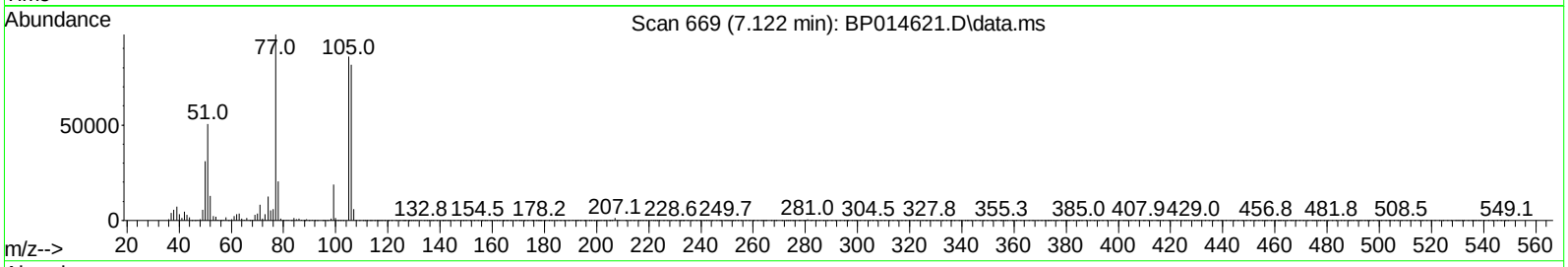

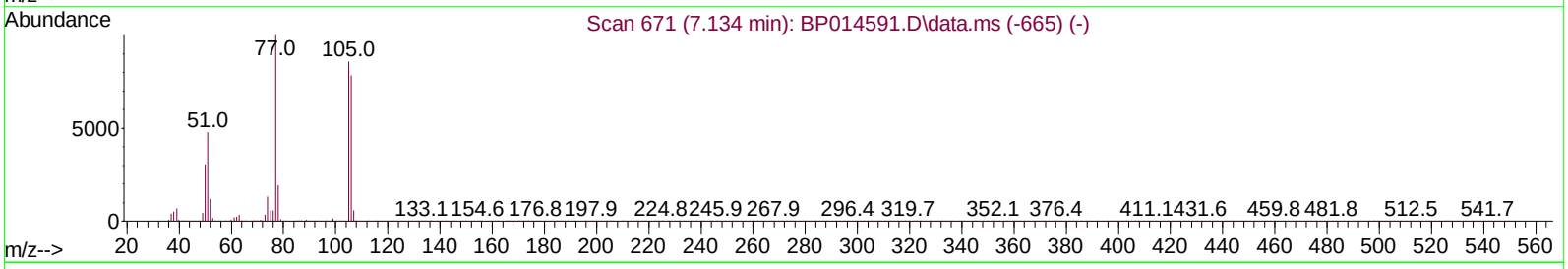

TIC: BP014621.D\data.ms

(6) Benzaldehyde

7.122min (-0.000) 26.59 ng/ul m

response 174269

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.20	88.08
106.00	83.10	83.81
0.00	0.00	0.00

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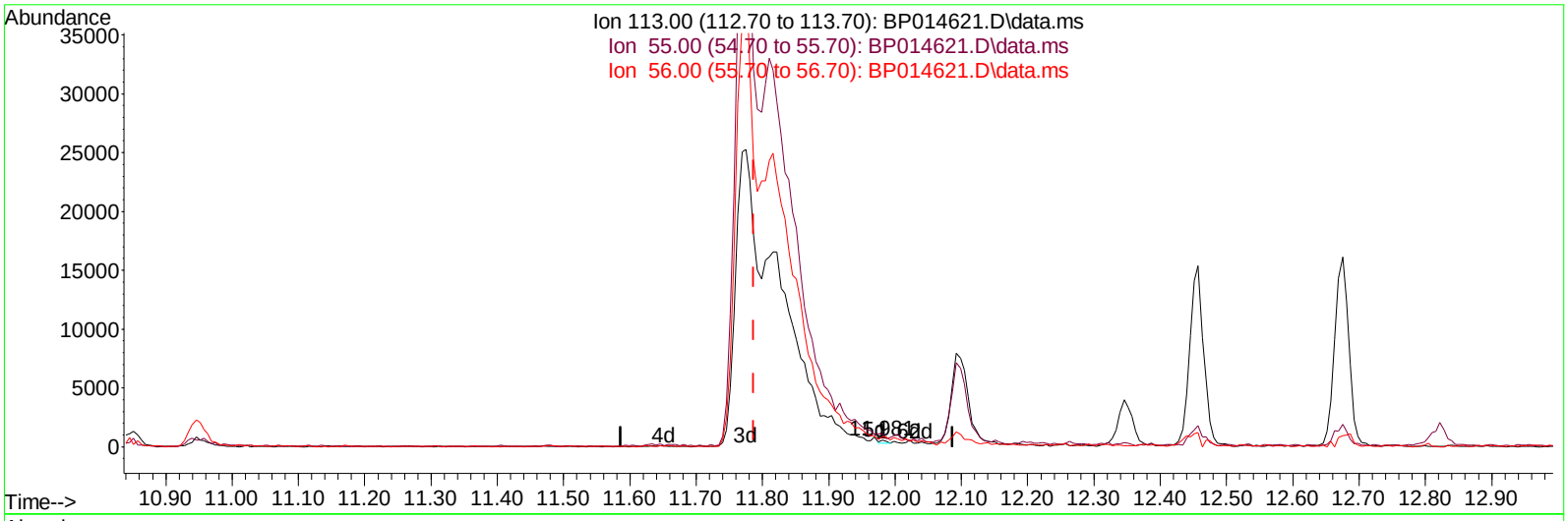

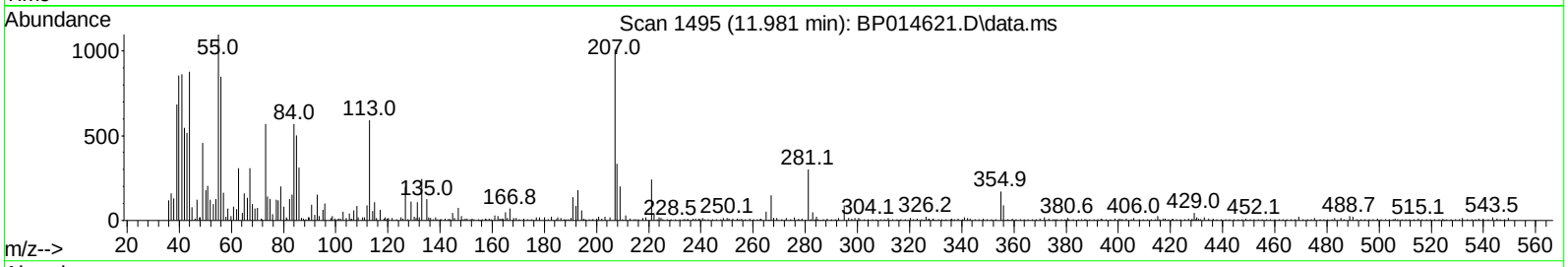

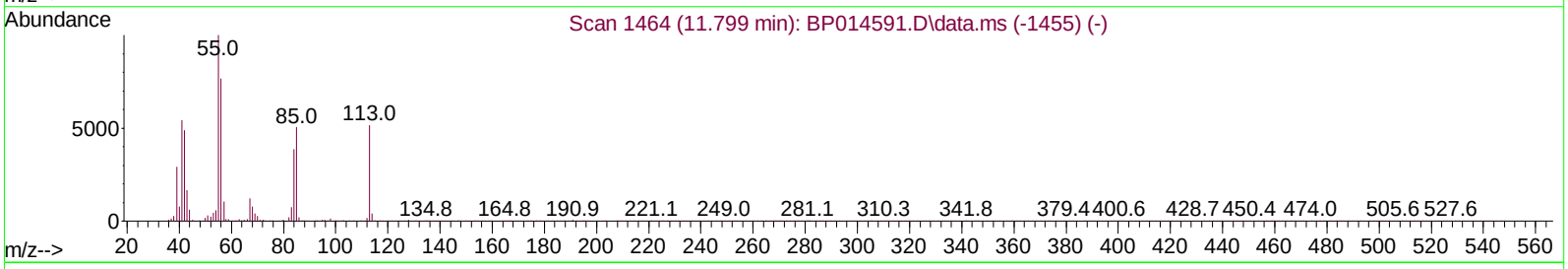

TIC: BP014621.D\data.ms

(34) Caprolactam

11.981min (+ 0.194) 0.05 ng/ul

response 144

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	185.30
56.00	126.40	143.24
0.00	0.00	0.00

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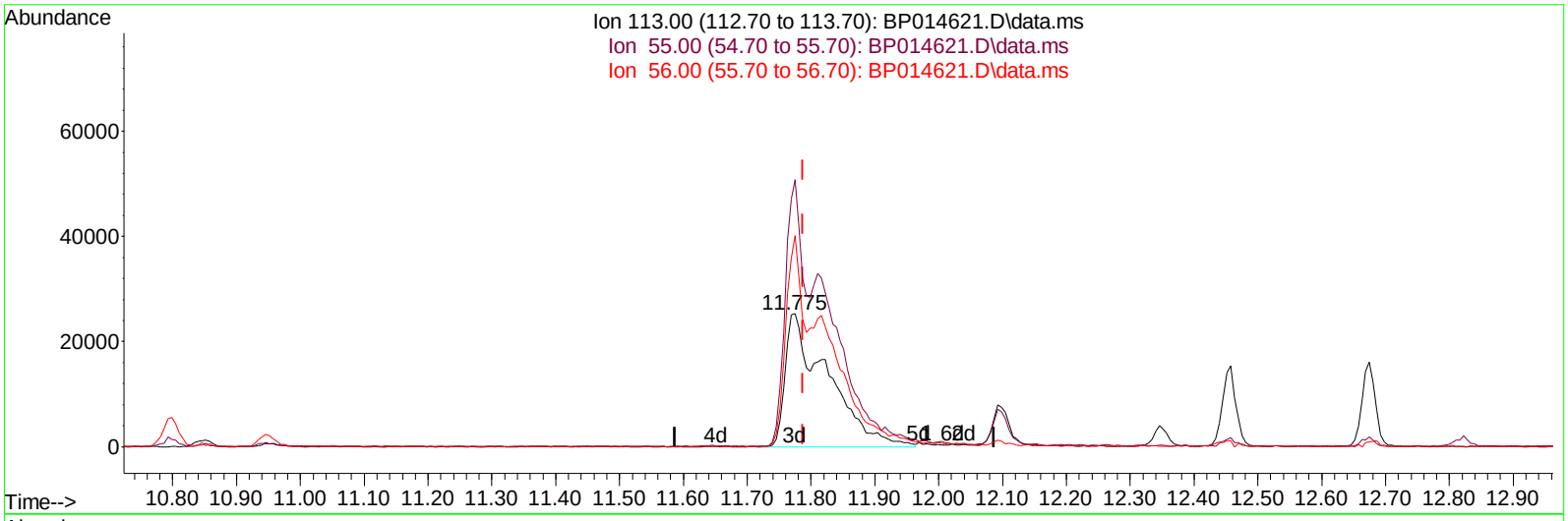

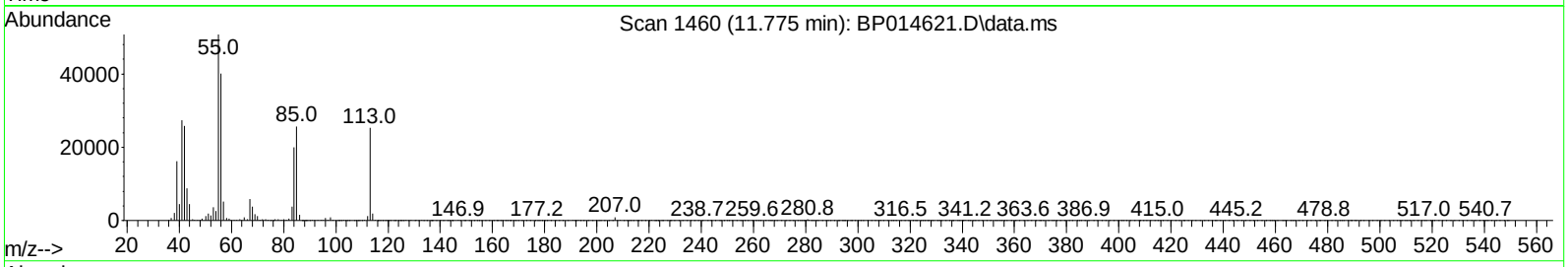

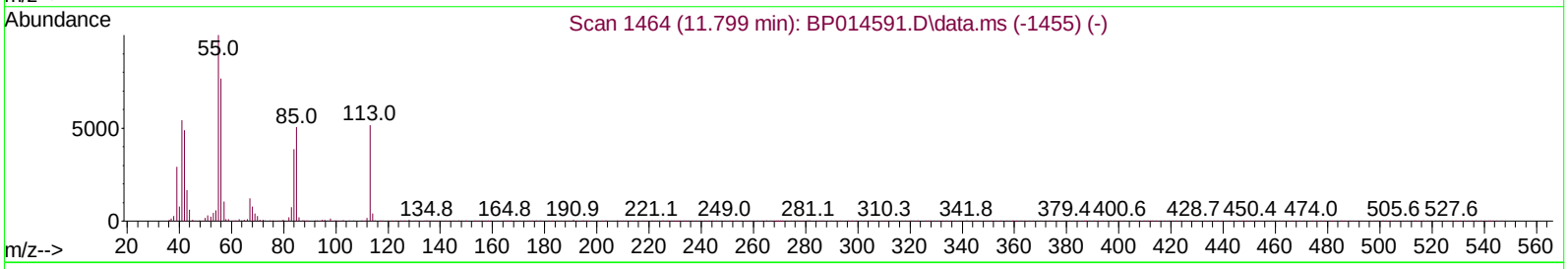

TIC: BP014621.D\data.ms

(34) Caprolactam

11.775min (-0.012) 36.62 ng/ul m

response 116881

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	200.89#
56.00	126.40	158.85#
0.00	0.00	0.00

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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	7.975	152	142974	20.000	ng/ul	0.00
20) Naphthalene-d8	10.799	136	652055	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	451412	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	1031717	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	916342	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	817714	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	21323	5.784	ng/uL	0.00
4) Pyridine-d5	3.793	84	220348	23.322	ng/ul	0.00
7) Phenol-d5	7.146	99	409965	31.092	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	273712	32.353	ng/ul	0.00
11) 2-Chlorophenol-d4	7.510	132	296944	31.158	ng/ul	0.00
15) 4-Methylphenol-d8	8.699	113	336715	31.658	ng/ul	0.00
21) Nitrobenzene-d5	9.157	128	155392	29.520	ng/ul	0.00
24) 2-Nitrophenol-d4	9.881	143	181838	30.168	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	331141	30.166	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	269903	18.666	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	1129638	30.863	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	1200960	29.571	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	181880	32.893	ng/ul	0.00
60) Fluorene-d10	15.628	176	926178	30.344	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	232020	30.563	ng/ul	0.00
73) Anthracene-d10	17.492	188	1510822	30.258	ng/ul	0.00
81) Pyrene-d10	19.727	212	1777816	28.884	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	1346392	30.991	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	48527	11.977	ng/uL	95
5) Pyridine	3.811	79	293012	29.635	ng/ul	93
6) Benzaldehyde	7.122	77	174269m	26.590	ng/ul	
8) Phenol	7.169	94	441238	32.258	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.399	93	352211	32.042	ng/ul	98
12) 2-Chlorophenol	7.540	128	315069	31.763	ng/ul	91
13) 2-Methylphenol	8.428	108	329639	32.315	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.510	45	512830	35.534	ng/ul	99
16) Acetophenone	8.816	105	568224	32.353	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.793	70	329703	34.749	ng/ul	92
18) 4-Methylphenol	8.763	108	367629	32.815	ng/ul	95
19) Hexachloroethane	9.057	117	145779	33.636	ng/ul	93
22) Nitrobenzene	9.199	77	476266	31.494	ng/ul	99
23) Isophorone	9.722	82	898620	32.237	ng/ul	99
25) 2-Nitrophenol	9.910	139	194978	30.647	ng/ul	94
26) 2,4-Dimethylphenol	9.969	107	445235	31.267	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.204	93	511211	30.589	ng/ul	98
29) 2,4-Dichlorophenol	10.451	162	338062	31.293	ng/ul	97
30) Naphthalene	10.846	128	1090288	30.019	ng/ul	99
32) 4-Chloroaniline	10.969	127	292959	20.004	ng/ul	99
33) Hexachlorobutadiene	11.122	225	245648	28.702	ng/ul	96
34) Caprolactam	11.775	113	116881m	36.622	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	435214	32.753	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.457	142	742868	30.180	ng/ul	98
37) 1-Methylnaphthalene	12.675	142	781145	31.999	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	448793	27.885	ng/ul	98
40) Hexachlorocyclopentadiene	12.793	237	273111	26.204	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	292389	29.358	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	324242	30.581	ng/ul	97
43) 1,1'-Biphenyl	13.463	154	1059957	29.064	ng/ul	98
44) 2-Chloronaphthalene	13.510	162	829531	28.767	ng/ul	99
45) 2-Nitroaniline	13.728	65	319439	35.771	ng/ul	96
47) Dimethylphthalate	14.087	163	1152700	31.498	ng/ul	98
48) 2,6-Dinitrotoluene	14.222	165	239114	33.443	ng/ul	98
50) Acenaphthylene	14.357	152	1333101	30.821	ng/ul	99
51) 3-Nitroaniline	14.557	138	210235	32.821	ng/ul	97
52) Acenaphthene	14.698	153	922654	30.187	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	152604	32.959	ng/ul	89
55) 4-Nitrophenol	14.869	109	188701	34.579	ng/ul	95
56) Dibenzofuran	15.034	168	1300658	30.272	ng/ul	100
57) 2,4-Dinitrotoluene	15.010	165	355067	35.010	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.263	232	295709	31.031	ng/ul	97
59) Diethylphthalate	15.451	149	1206097	33.165	ng/ul	99
61) Fluorene	15.686	166	1091967	31.355	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.675	204	564828	30.188	ng/ul	99
63) 4-Nitroaniline	15.728	138	202322	38.875	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.775	198	229917	31.251	ng/ul	98
67) N-Nitrosodiphenylamine	15.892	169	937342	29.200	ng/ul	98
68) 4-Bromophenyl-phenylether	16.575	248	365795	28.493	ng/ul	99
69) Hexachlorobenzene	16.692	284	428126	29.032	ng/ul	99
70) Atrazine	16.851	200	94832	8.115	ng/ul	98
71) Pentachlorophenol	17.045	266	237744	27.829	ng/ul	97
72) Phenanthrene	17.439	178	1769546	30.829	ng/ul	100
74) Anthracene	17.533	178	1809481	31.279	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.428	216	456479	25.135	ng/uL	99
76) Pentachlorobenzene	14.951	250	485362	26.784	ng/uL	98
77) Carbazole	17.804	167	1563719	32.300	ng/ul	100
78) Di-n-butylphthalate	18.333	149	2102327	34.536	ng/ul	100
80) Fluoranthene	19.398	202	2158351	29.658	ng/ul	99
82) Pyrene	19.751	202	2230793	29.361	ng/ul	98
83) Butylbenzylphthalate	20.610	149	960819	36.712	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.398	252	531308	26.217	ng/ul	100
85) Benzo(a)anthracene	21.463	228	2022578	31.148	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.363	149	1351620	37.767	ng/ul	100
87) Chrysene	21.521	228	1947487	31.763	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	2153847	40.589	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1778326	32.201	ng/ul	99
91) Benzo(k)fluoranthene	23.263	252	1786606	33.308	ng/ul	100
93) Benzo(a)pyrene	23.868	252	1509900	31.763	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.609	276	1832468	28.019	ng/ul	98
95) Dibenzo(a,h)anthracene	26.621	278	1531079	27.962	ng/ul	99
96) Benzo(g,h,i)perylene	27.409	276	1481672	27.794	ng/ul	98

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

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