Quantitation Report (Qedit)

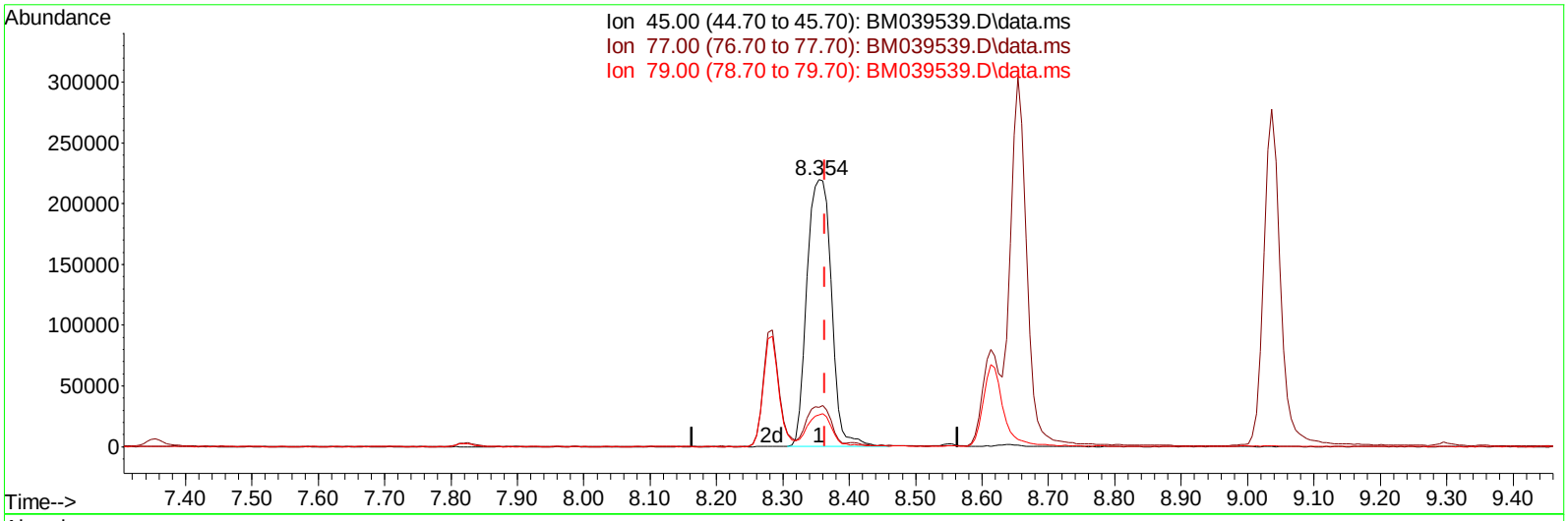
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039539.D
Acq On : 20 Apr 2023 23:49
Operator : CG/JU
Sample : PB152230BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

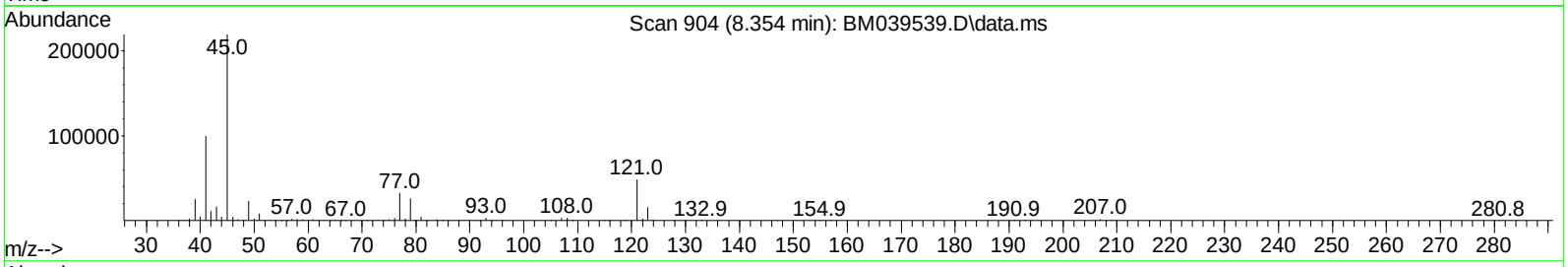
Quant Time: Apr 21 02:27:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 08:18:41 2023
Response via : Initial Calibration

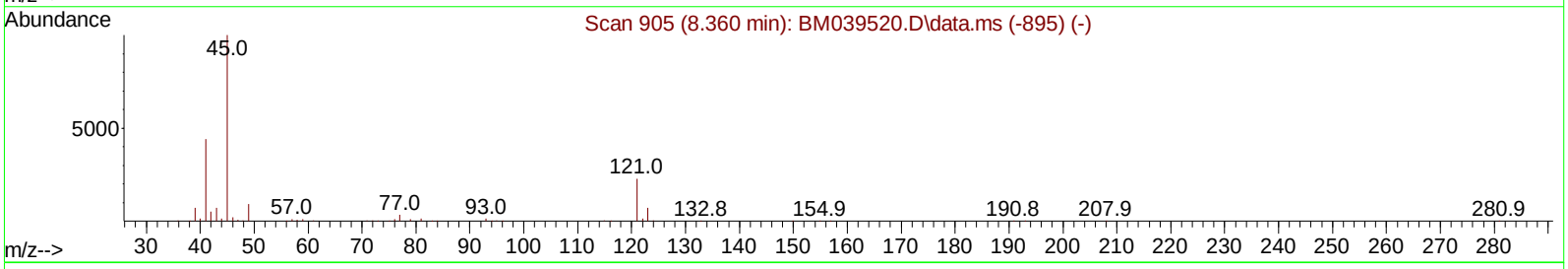
Instrument :
BNA_M
ClientSampleId :
SLCS230

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023







TIC: BM039539.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.354min (-0.009) 35.19 ng/ul

response 563223

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.40	14.82
79.00	12.20	12.03
0.00	0.00	0.00

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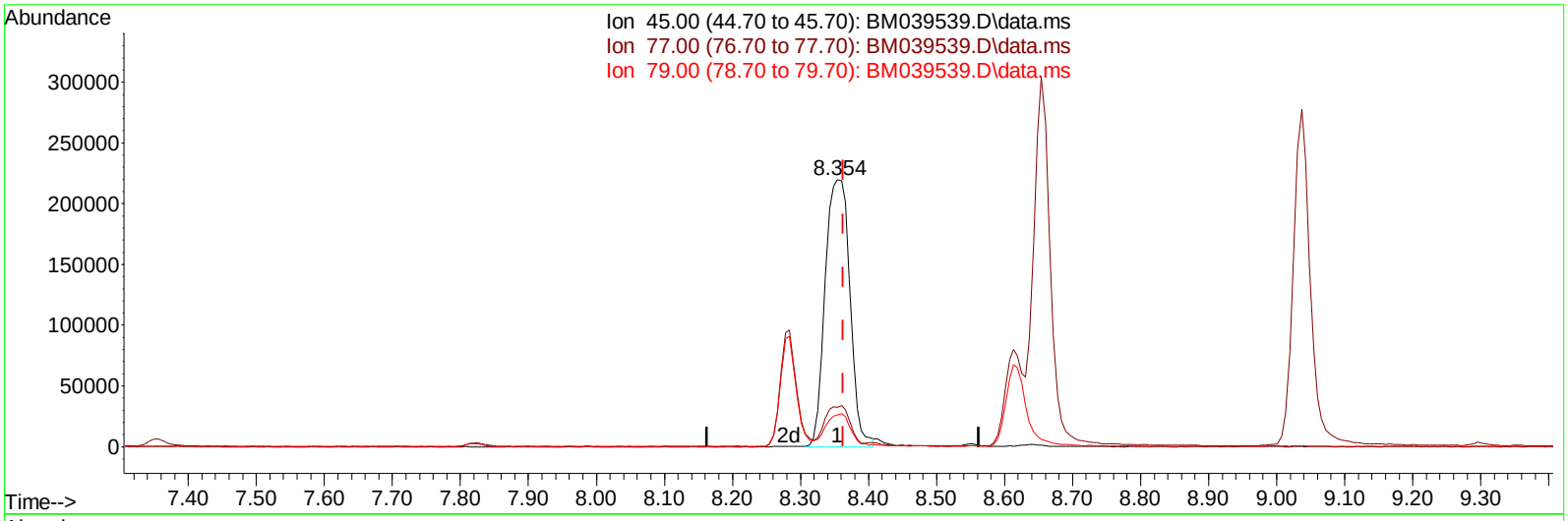

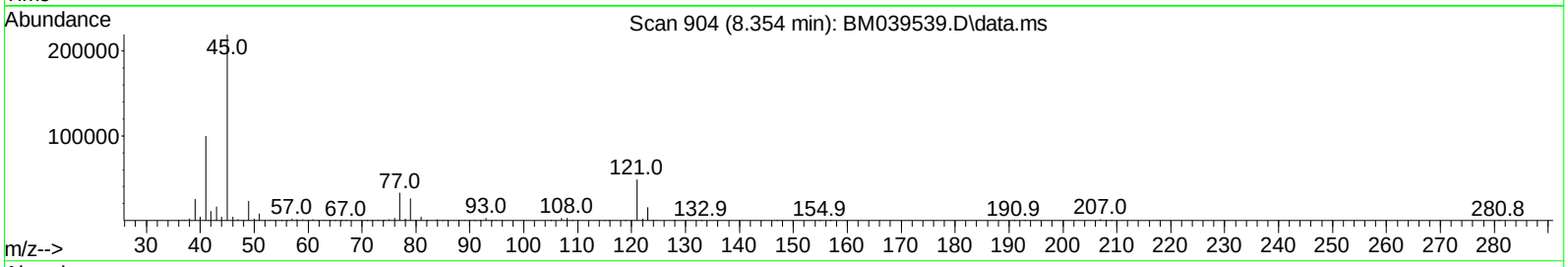

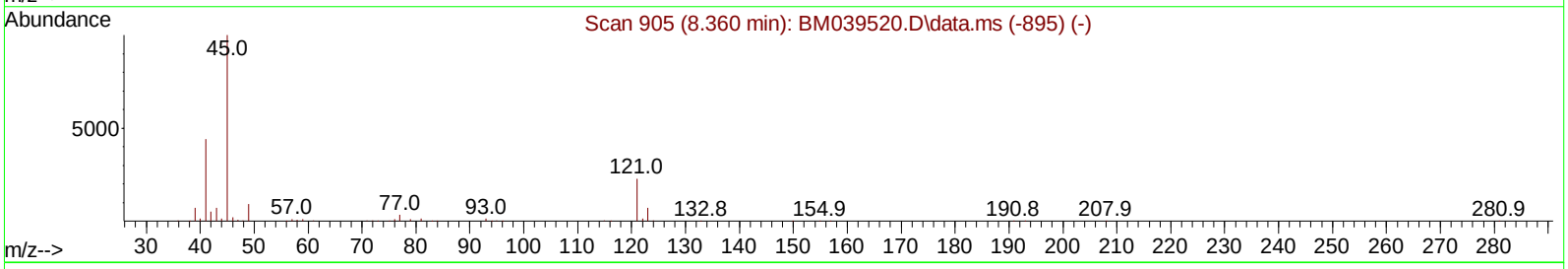

TIC: BM039539.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.354min (-0.009) 34.86 ng/ul m

response 557923

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.40	14.82
79.00	12.20	12.03
0.00	0.00	0.00

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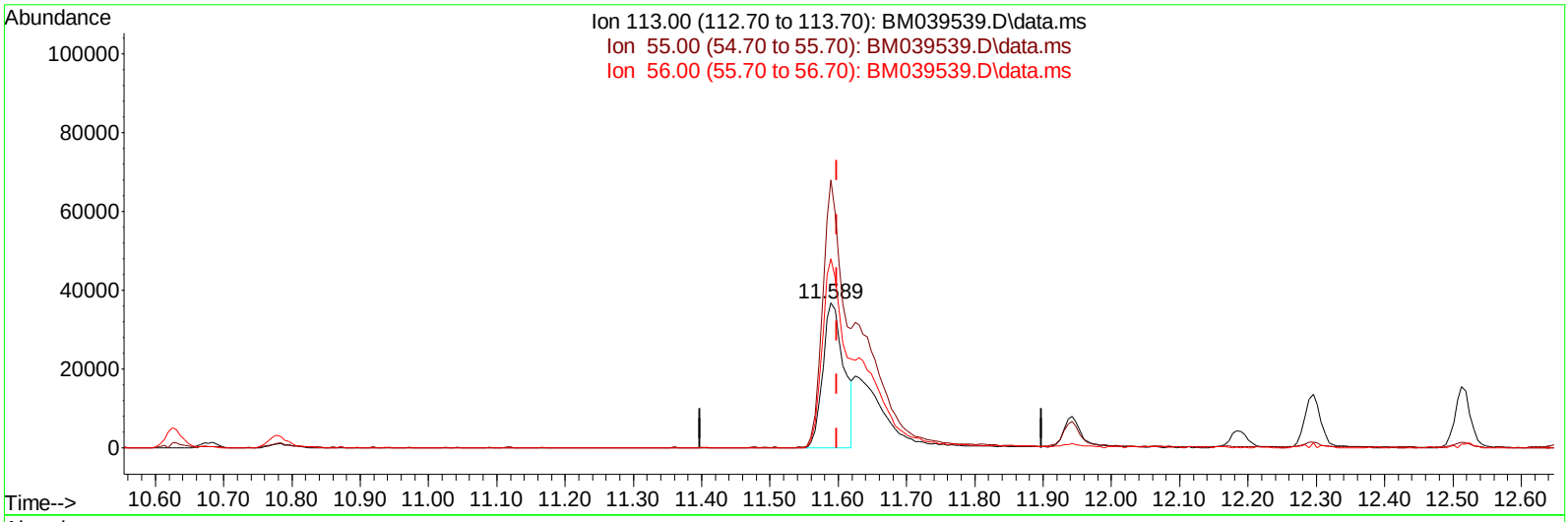

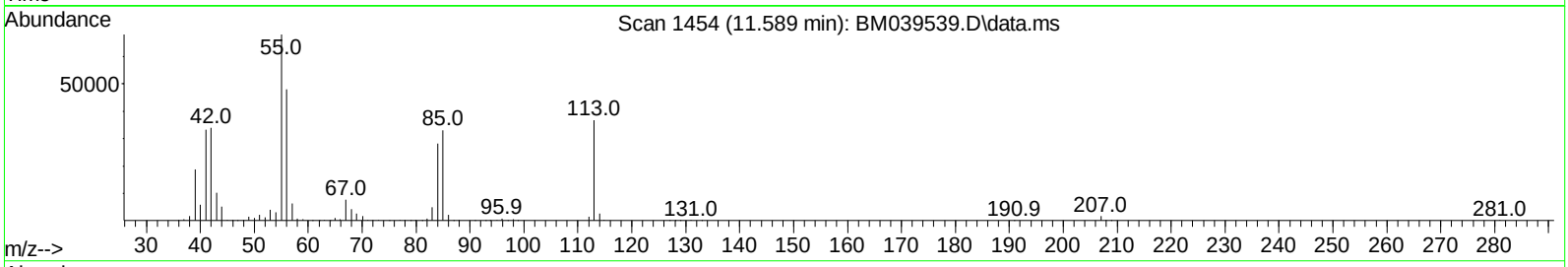

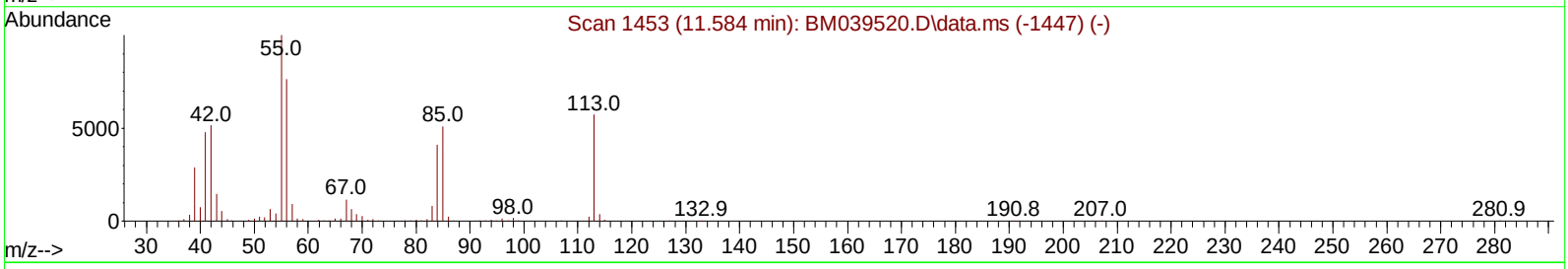

TIC: BM039539.D\data.ms

(34) Caprolactam

11.589min (-0.009) 20.45 ng/ul

response 79258

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	184.93
56.00	129.90	130.40
0.00	0.00	0.00

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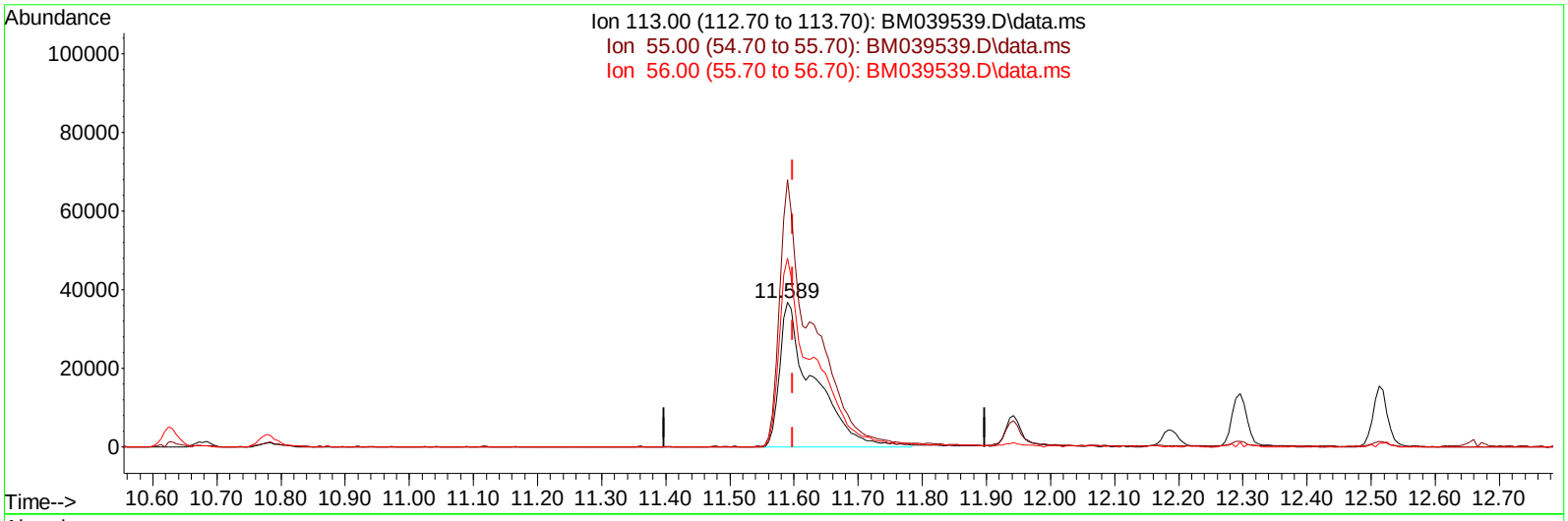

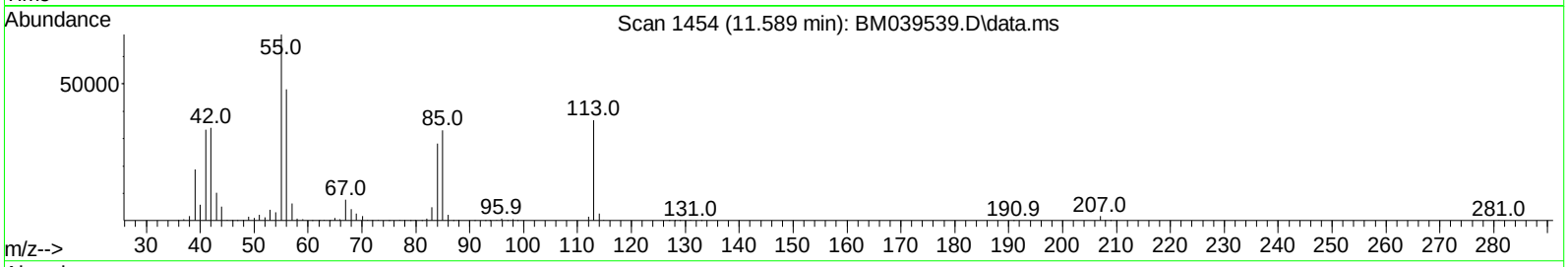

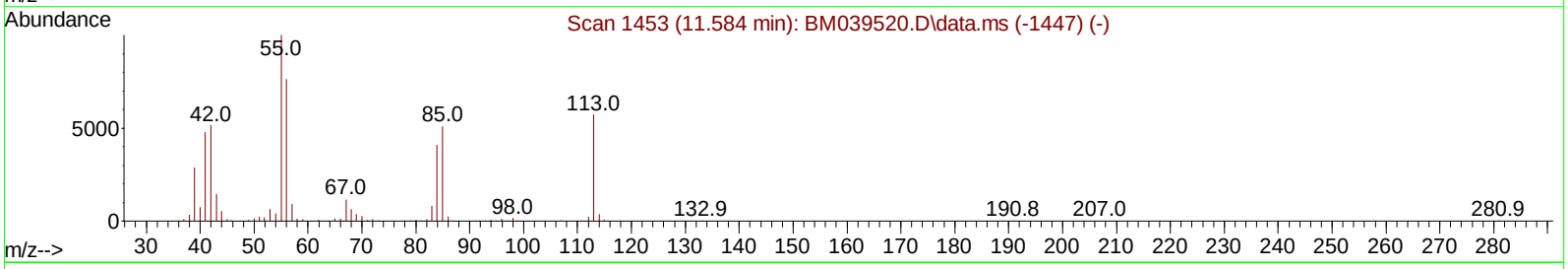

TIC: BM039539.D\data.ms

(34) Caprolactam

11.589min (-0.009) 34.79 ng/ul m

response 134811

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	184.93
56.00	129.90	130.40
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	145024	20.000	ng/ul	0.00
20) Naphthalene-d8	10.631	136	679584	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.477	164	443662	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	977953	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	853709	20.000	ng/ul	0.00
88) Perylene-d12	23.783	264	799634	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.208	96	24693	6.536	ng/uL	0.00
4) Pyridine-d5	3.637	84	328928	30.984	ng/ul	0.00
7) Phenol-d5	7.001	99	470811	35.470	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.154	67	305734	34.849	ng/ul	0.00
11) 2-Chlorophenol-d4	7.354	132	382386	36.725	ng/ul	0.00
15) 4-Methylphenol-d8	8.554	113	383439	35.862	ng/ul	0.00
21) Nitrobenzene-d5	8.995	128	189056	34.579	ng/ul	0.00
24) 2-Nitrophenol-d4	9.719	143	213759	34.818	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.260	165	388650	36.791	ng/ul	0.00
31) 4-Chloroaniline-d4	10.778	131	509541	32.296	ng/ul	0.00
46) Dimethylphthalate-d6	13.895	166	1243051	34.741	ng/ul	0.00
49) Acenaphthylene-d8	14.172	160	1431621	35.615	ng/ul	0.00
54) 4-Nitrophenol-d4	14.713	143	189462	34.987	ng/ul	-0.01
60) Fluorene-d10	15.471	176	1055268	35.997	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.607	200	201747	31.044	ng/ul	0.00
73) Anthracene-d10	17.330	188	1687425	35.879	ng/ul	0.00
81) Pyrene-d10	19.630	212	2004596	35.337	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.636	264	1590104	36.832	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	53921	13.042	ng/uL	96
5) Pyridine	3.655	79	365954	32.692	ng/ul	98
6) Benzaldehyde	6.966	77	250373	44.151	ng/ul	99
8) Phenol	7.031	94	506404	36.644	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.248	93	394556	34.243	ng/ul	99
12) 2-Chlorophenol	7.384	128	385542	36.798	ng/ul	100
13) 2-Methylphenol	8.284	108	385403	35.905	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.354	45	557923m	34.863	ng/ul	
16) Acetophenone	8.654	105	627246	35.715	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.637	70	336192	34.587	ng/ul	98
18) 4-Methylphenol	8.613	108	425276	36.697	ng/ul	99
19) Hexachloroethane	8.895	117	163461	34.351	ng/ul	98
22) Nitrobenzene	9.037	77	474423	35.143	ng/ul	97
23) Isophorone	9.560	82	964829	33.516	ng/ul	100
25) 2-Nitrophenol	9.748	139	228792	35.717	ng/ul	95
26) 2,4-Dimethylphenol	9.813	107	449320	34.325	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.048	93	585051	34.562	ng/ul	100
29) 2,4-Dichlorophenol	10.284	162	384021	36.905	ng/ul	99
30) Naphthalene	10.678	128	1327070	35.294	ng/ul	99
32) 4-Chloroaniline	10.801	127	490965	31.582	ng/ul	100
33) Hexachlorobutadiene	10.954	225	237972	34.707	ng/ul	99
34) Caprolactam	11.589	113	134811m	34.789	ng/ul	
35) 4-Chloro-3-methylphenol	11.942	107	449859	37.027	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.295	142	889319	35.281	ng/ul	100
37)	1-Methylnaphthalene	12.513	142	915601	36.146	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.666	216	467890	35.135	ng/ul	99
40)	Hexachlorocyclopentadiene	12.636	237	149272	18.813	ng/ul	98
41)	2,4,6-Trichlorophenol	12.913	196	319338	35.894	ng/ul	99
42)	2,4,5-Trichlorophenol	12.995	196	342902	37.084	ng/ul	99
43)	1,1'-Biphenyl	13.313	154	1211471	35.333	ng/ul	99
44)	2-Chloronaphthalene	13.354	162	958877	35.651	ng/ul	99
45)	2-Nitroaniline	13.572	65	291064	37.500	ng/ul	98
47)	Dimethylphthalate	13.942	163	1244326	35.125	ng/ul	100
48)	2,6-Dinitrotoluene	14.072	165	256903	35.856	ng/ul	99
50)	Acenaphthylene	14.201	152	1536112	35.725	ng/ul	100
51)	3-Nitroaniline	14.401	138	245094	36.496	ng/ul	100
52)	Acenaphthene	14.542	153	1053007	35.570	ng/ul	100
53)	2,4-Dinitrophenol	14.619	184	101699	26.666	ng/ul	96
55)	4-Nitrophenol	14.724	109	151985	36.951	ng/ul	95
56)	Dibenzofuran	14.877	168	1483033	36.856	ng/ul	99
57)	2,4-Dinitrotoluene	14.860	165	373682	37.535	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.113	232	302909	36.598	ng/ul	99
59)	Diethylphthalate	15.307	149	1298571	35.361	ng/ul	100
61)	Fluorene	15.530	166	1223507	36.758	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.524	204	603494	36.580	ng/ul	98
63)	4-Nitroaniline	15.571	138	226566	43.995	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.624	198	195952	31.362	ng/ul	96
67)	N-Nitrosodiphenylamine	15.742	169	1028017	35.282	ng/ul	99
68)	4-Bromophenyl-phenylether	16.418	248	367623	34.805	ng/ul	99
69)	Hexachlorobenzene	16.530	284	424261	34.964	ng/ul	96
70)	Atrazine	16.701	200	333551	30.851	ng/ul	99
71)	Pentachlorophenol	16.883	266	230416	32.483	ng/ul	98
72)	Phenanthrene	17.271	178	1955844	36.024	ng/ul	100
74)	Anthracene	17.365	178	1955077	35.895	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.272	216	478456	32.850	ng/uL	100
76)	Pentachlorobenzene	14.795	250	488396	34.068	ng/uL	99
77)	Carbazole	17.642	167	1792565	37.036	ng/ul	100
78)	Di-n-butylphthalate	18.201	149	2387535	34.876	ng/ul	99
80)	Fluoranthene	19.295	202	2326759	34.993	ng/ul	97
82)	Pyrene	19.659	202	2435187	35.377	ng/ul	96
83)	Butylbenzylphthalate	20.559	149	1124696	34.615	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.348	252	678042	35.816	ng/ul	98
85)	Benzo(a)anthracene	21.406	228	2224500	36.026	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.330	149	1737722	35.963	ng/ul	99
87)	Chrysene	21.459	228	2093944	35.551	ng/ul	100
89)	Di-n-octyl phthalate	22.242	149	2940743	36.602	ng/ul	100
90)	Benzo(b)fluoranthene	23.065	252	2012451	35.768	ng/ul	99
91)	Benzo(k)fluoranthene	23.112	252	2054844	37.188	ng/ul	100
93)	Benzo(a)pyrene	23.683	252	1741017	36.711	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.235	276	2078712	39.849	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.247	278	1720159	39.771	ng/ul	99
96)	Benzo(g,h,i)perylene	26.988	276	1660972	39.970	ng/ul	99

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

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