Quantitation Report (Qedit)

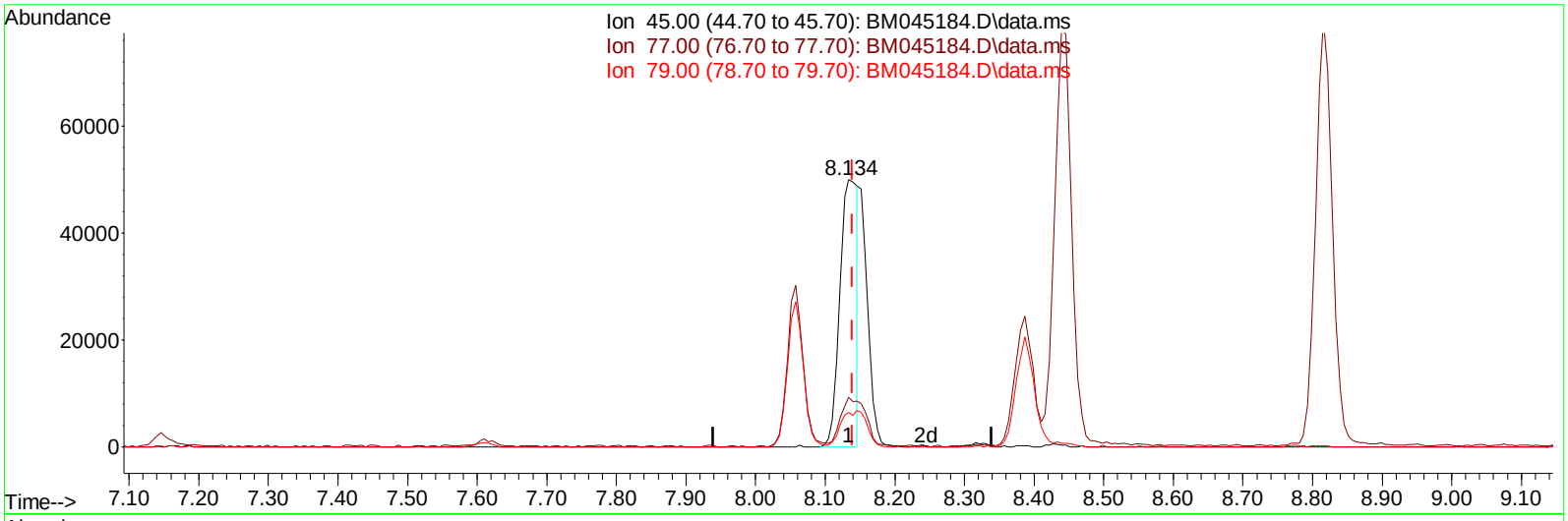
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
Data File : BM045184.D
Acq On : 12 Apr 2024 23:03
Operator : MA/JU
Sample : PB160112BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

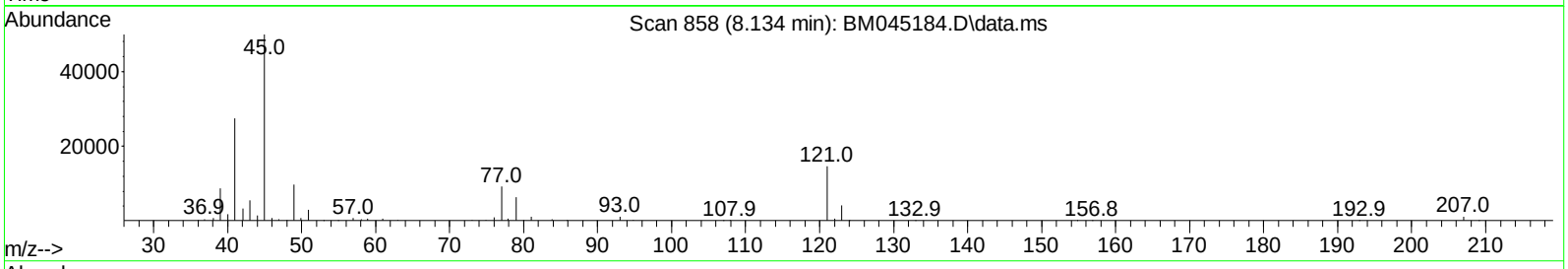
Quant Time: Apr 12 23:37:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 18:54:49 2024
Response via : Initial Calibration

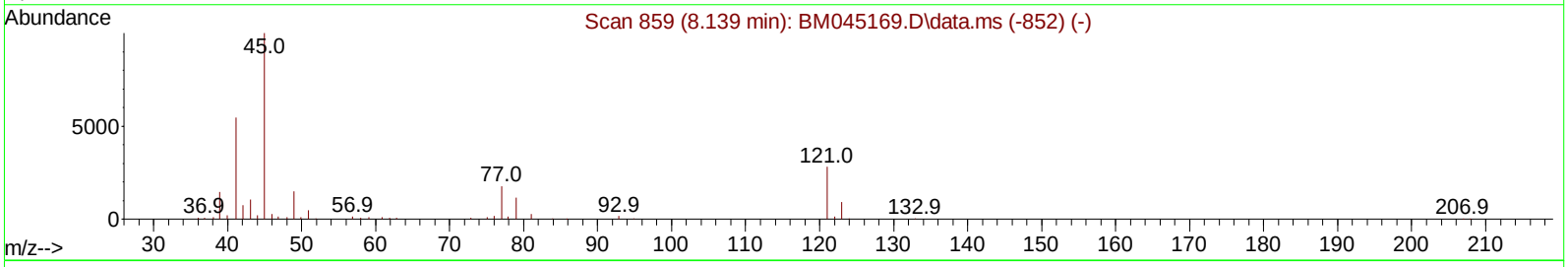
Instrument :
BNA_M
ClientSampleId :
SLCS112

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024







TIC: BM045184.D\data.ms

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

8.134min (-0.006) 23.77 ng/ul

response 87886

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.70	18.43
79.00	12.60	12.84
0.00	0.00	0.00

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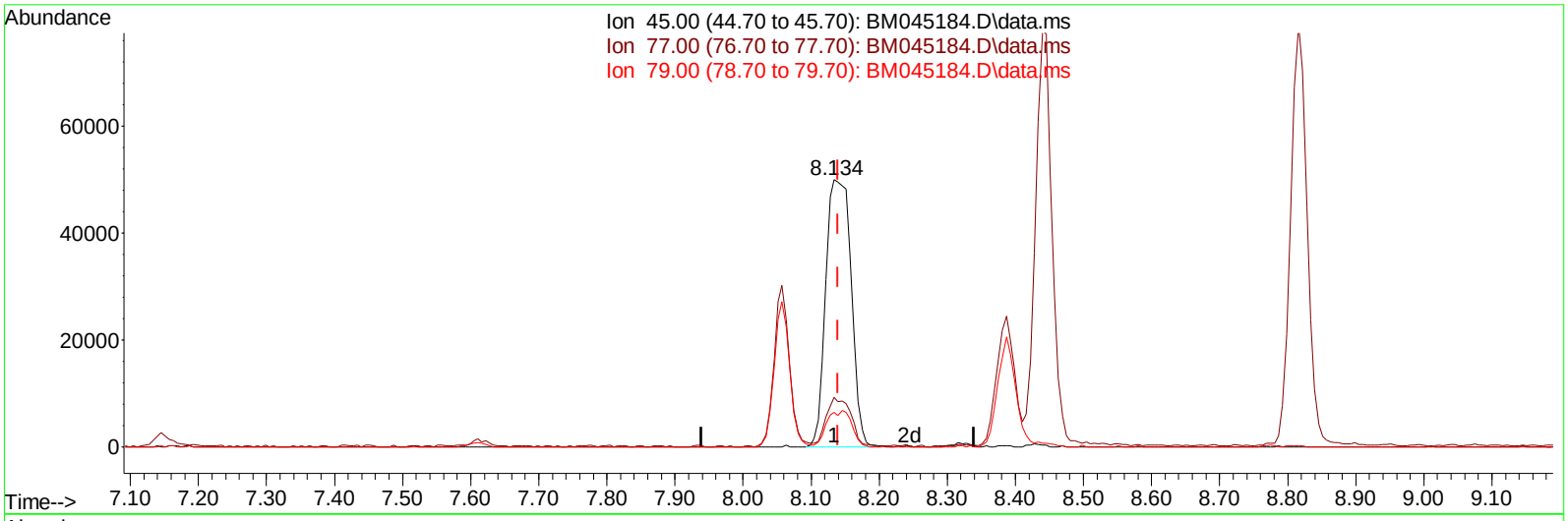

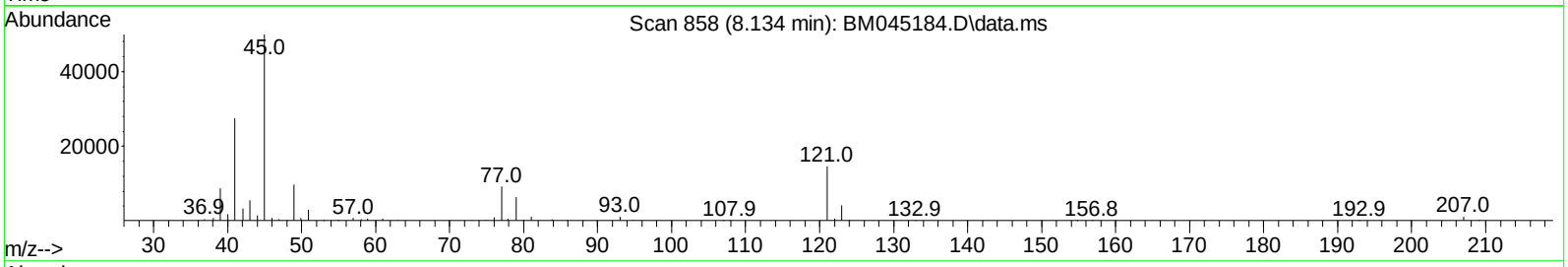

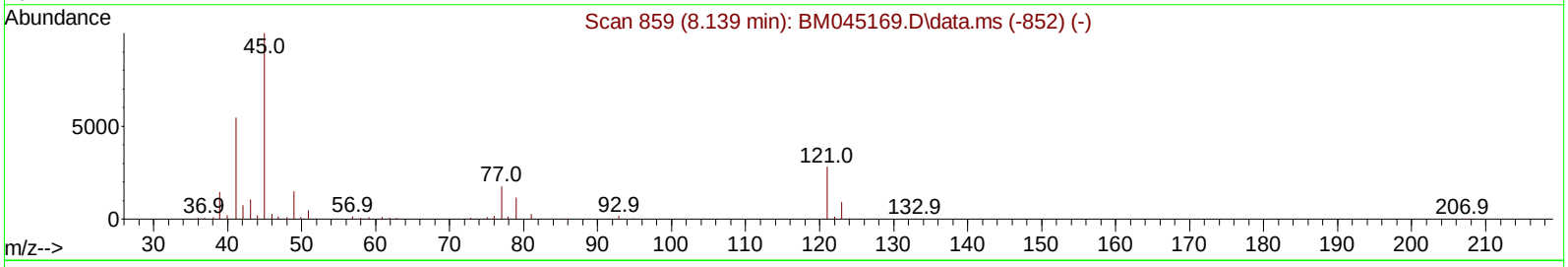

TIC: BM045184.D\data.ms

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

8.134min (-0.006) 35.01 ng/ul m

response 129486

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.70	18.43
79.00	12.60	12.84
0.00	0.00	0.00

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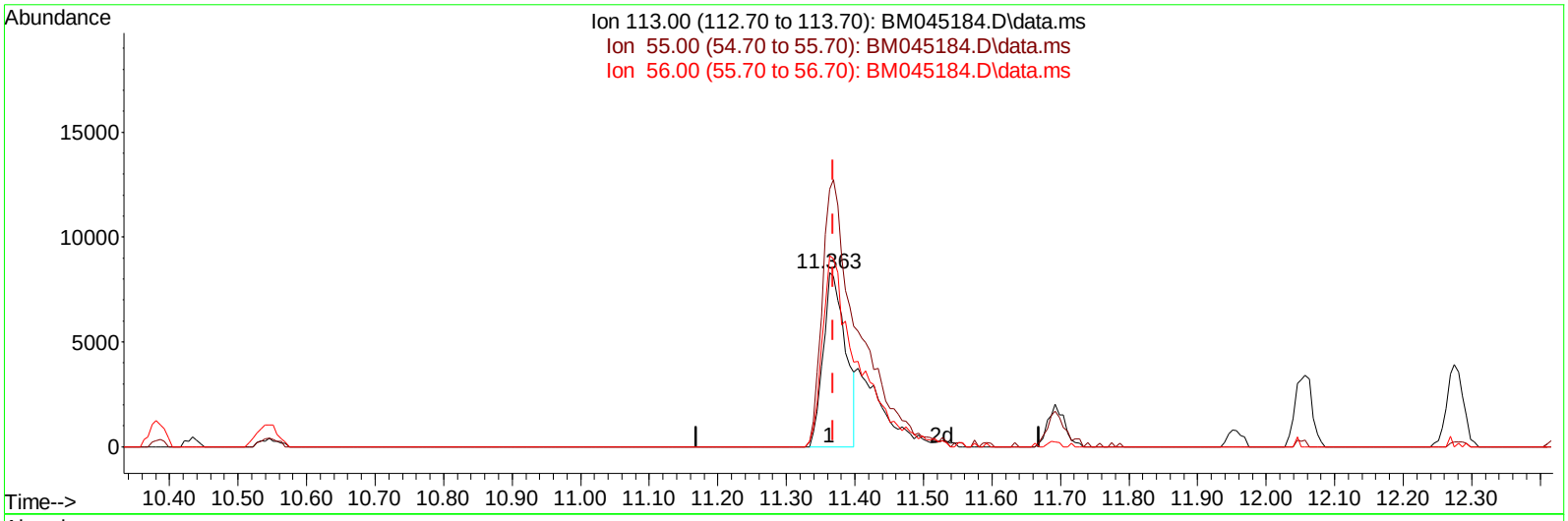

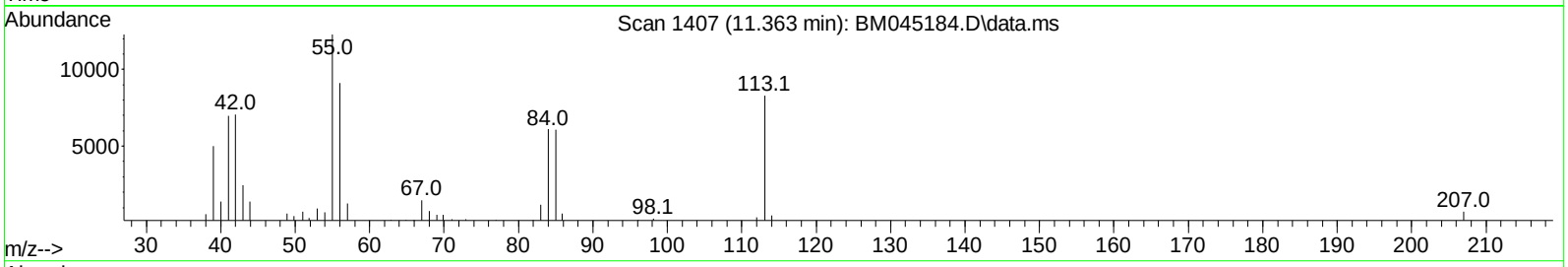

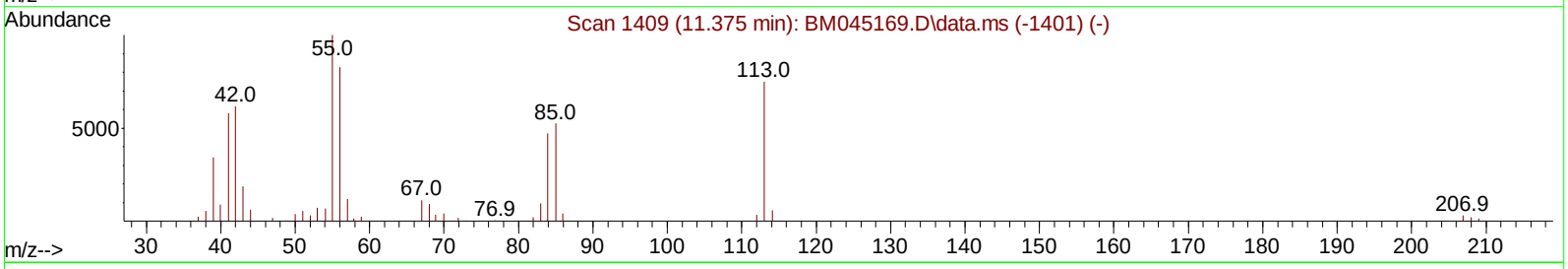

TIC: BM045184.D\data.ms

(34) Caprolactam

11.363min (-0.006) 20.79 ng/ul

response 18758

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	148.03
56.00	114.80	109.71
0.00	0.00	0.00

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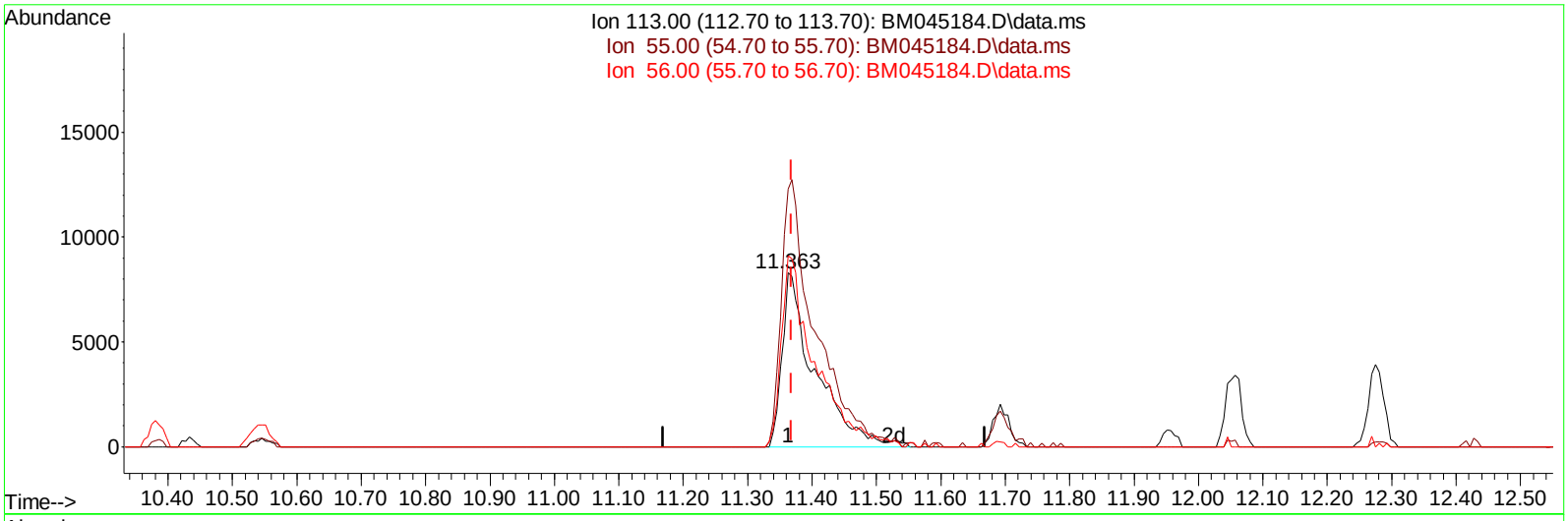

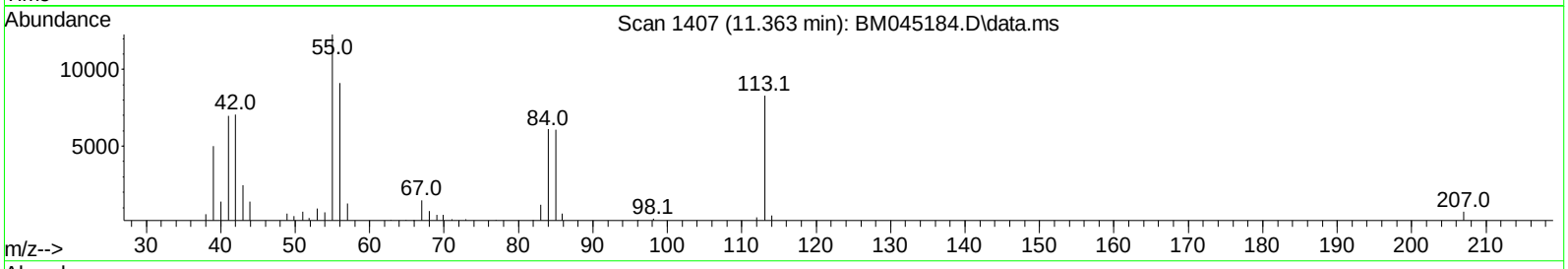

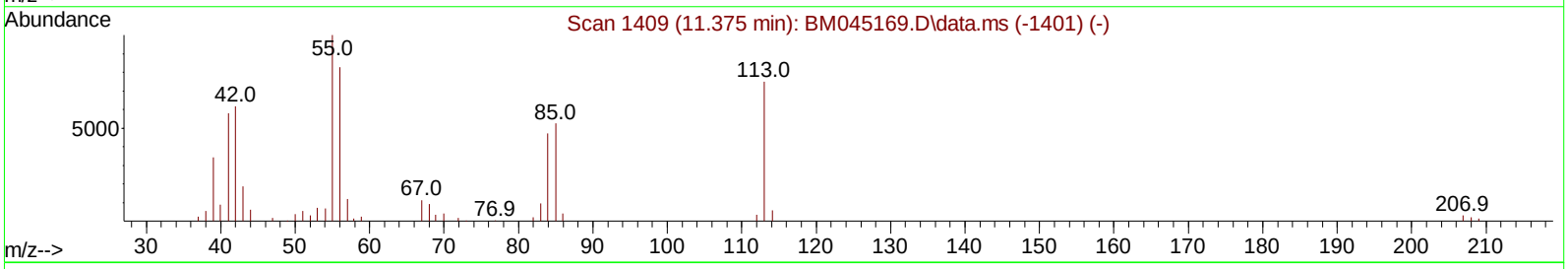

TIC: BM045184.D\data.ms

(34) Caprolactam

11.363min (-0.006) 32.55 ng/ul m

response 29377

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	148.03
56.00	114.80	109.71
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	45254	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	177984	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	98908	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	183544	20.000	ng/ul	-0.01
79) Chrysene-d12	21.227	240	171747	20.000	ng/ul	0.00
88) Perylene-d12	23.445	264	217519	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	10622	8.765	ng/uL	0.00
4) Pyridine-d5	3.599	84	113723	34.508	ng/ul	0.00
7) Phenol-d5	6.793	99	143963	37.525	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	87729	38.382	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	120946	40.240	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	111364	37.085	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	56730	41.495	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	61584	42.678	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	110879	41.909	ng/ul	0.00
31) 4-Chloroaniline-d4	10.539	131	143541	34.077	ng/ul	-0.01
46) Dimethylphthalate-d6	13.686	166	273913	39.774	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	339352	41.711	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	45700	31.797	ng/ul	0.00
60) Fluorene-d10	15.263	176	238624	38.866	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	40020	36.774	ng/ul	0.00
73) Anthracene-d10	17.121	188	341595	41.371	ng/ul	0.00
81) Pyrene-d10	19.427	212	396454	46.880	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.297	264	465813	43.898	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	15140	11.962	ng/uL	93
5) Pyridine	3.616	79	116524	33.370	ng/ul	98
6) Benzaldehyde	6.781	77	82516	46.398	ng/ul	97
8) Phenol	6.822	94	145915	36.729	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.063	93	110123	35.517	ng/ul	98
12) 2-Chlorophenol	7.181	128	121466	38.514	ng/ul	96
13) 2-Methylphenol	8.057	108	101920	34.756	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.134	45	129486m	35.015	ng/ul	
16) Acetophenone	8.440	105	166928	34.191	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.428	70	80122	34.758	ng/ul#	92
18) 4-Methylphenol	8.387	108	111935	35.415	ng/ul	98
19) Hexachloroethane	8.663	117	52148	37.594	ng/ul	97
22) Nitrobenzene	8.816	77	133639	39.842	ng/ul	97
23) Isophorone	9.334	82	219572	35.629	ng/ul	100
25) 2-Nitrophenol	9.516	139	64336	40.169	ng/ul#	87
26) 2,4-Dimethylphenol	9.575	107	92048	29.810	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.822	93	137655	37.678	ng/ul	99
29) 2,4-Dichlorophenol	10.040	162	105447	39.449	ng/ul	96
30) Naphthalene	10.434	128	356383	37.825	ng/ul	99
32) 4-Chloroaniline	10.563	127	131335	32.043	ng/ul	97
33) Hexachlorobutadiene	10.698	225	62469	37.587	ng/ul	89
34) Caprolactam	11.363	113	29377m	32.554	ng/ul	
35) 4-Chloro-3-methylphenol	11.692	107	97864	36.830	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.057	142	230054	37.396	ng/ul	99
37) 1-Methylnaphthalene	12.275	142	231609	37.204	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	112106	41.445	ng/ul	98
40) Hexachlorocyclopentadiene	12.386	237	47878	29.239	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	73400	41.598	ng/ul	96
42) 2,4,5-Trichlorophenol	12.757	196	78453	40.352	ng/ul	96
43) 1,1'-Biphenyl	13.086	154	287612	41.179	ng/ul	98
44) 2-Chloronaphthalene	13.128	162	226470	39.911	ng/ul	99
45) 2-Nitroaniline	13.357	65	64386	41.106	ng/ul	97
47) Dimethylphthalate	13.733	163	262642	36.487	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	53324	37.795	ng/ul#	83
50) Acenaphthylene	13.980	152	365667	38.483	ng/ul	99
51) 3-Nitroaniline	14.198	138	53935	35.046	ng/ul	93
52) Acenaphthene	14.322	153	240944	38.001	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	23673	28.222	ng/ul	90
55) 4-Nitrophenol	14.510	109	39081	30.918	ng/ul	95
56) Dibenzofuran	14.663	168	327099	37.700	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	75293	35.652	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.892	232	62636	37.643	ng/ul	98
59) Diethylphthalate	15.104	149	249222	33.938	ng/ul	99
61) Fluorene	15.316	166	259007	35.418	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.316	204	117312	34.225	ng/ul	96
63) 4-Nitroaniline	15.369	138	49897	35.662	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.422	198	41693	35.774	ng/ul	98
67) N-Nitrosodiphenylamine	15.539	169	210552	42.524	ng/ul	99
68) 4-Bromophenyl-phenylether	16.216	248	71703	40.112	ng/ul	97
69) Hexachlorobenzene	16.310	284	90485	38.913	ng/ul	93
70) Atrazine	16.504	200	66108	36.297	ng/ul	96
71) Pentachlorophenol	16.668	266	52074	36.866	ng/ul	97
72) Phenanthrene	17.063	178	396354	40.128	ng/ul	99
74) Anthracene	17.157	178	387837	38.386	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.039	216	111265	48.097	ng/uL	98
76) Pentachlorobenzene	14.574	250	107666	43.742	ng/uL	98
77) Carbazole	17.439	167	368151	37.789	ng/ul	99
78) Di-n-butylphthalate	18.004	149	386108	35.143	ng/ul	99
80) Fluoranthene	19.092	202	441051	44.218	ng/ul	99
82) Pyrene	19.457	202	480394	44.631	ng/ul	98
83) Butylbenzylphthalate	20.380	149	163427	36.239	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.162	252	125511	32.867	ng/ul	99
85) Benzo(a)anthracene	21.215	228	454653	39.015	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.156	149	221416	31.410	ng/ul	100
87) Chrysene	21.268	228	439520	40.458	ng/ul	98
89) Di-n-octyl phthalate	22.039	149	382187	27.926	ng/ul	100
90) Benzo(b)fluoranthene	22.780	252	524237	41.351	ng/ul	98
91) Benzo(k)fluoranthene	22.821	252	495749	38.850	ng/ul	99
93) Benzo(a)pyrene	23.345	252	449517	36.432	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.662	276	686739	42.967	ng/ul	99
95) Dibenzo(a,h)anthracene	25.680	278	551550	41.275	ng/ul	98
96) Benzo(g,h,i)perylene	26.338	276	547823	43.448	ng/ul	99

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

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