Quantitation Report (Qedit)

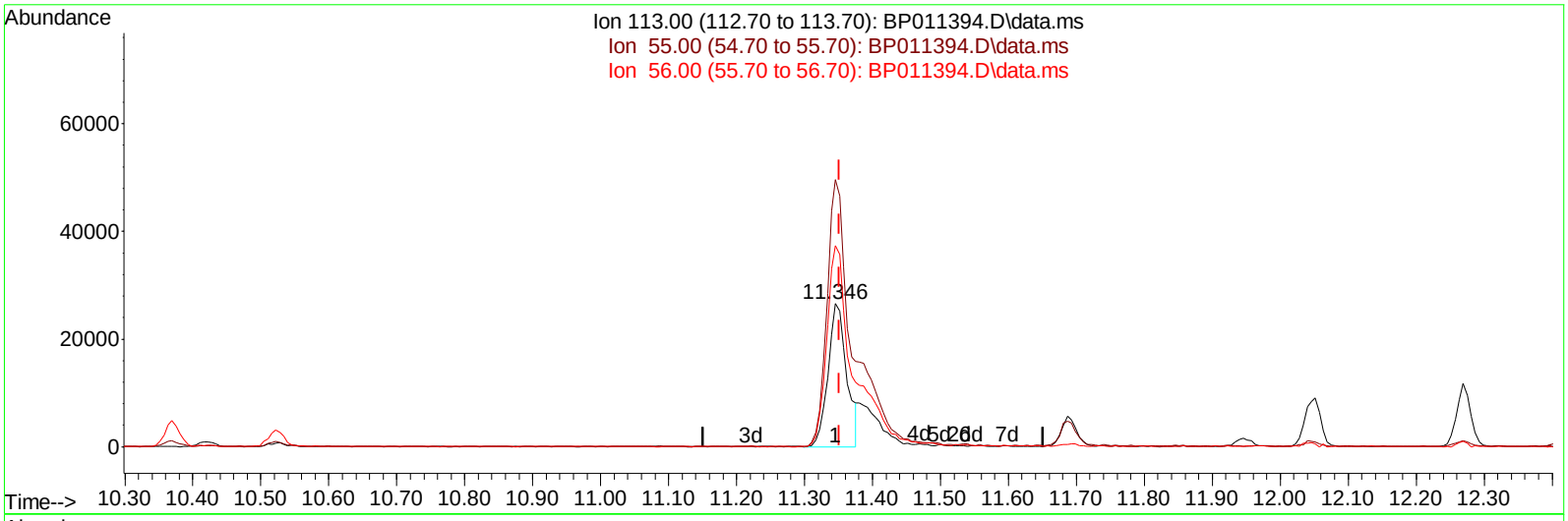
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081122\
Data File : BP011394.D
Acq On : 11 Aug 2022 19:04
Operator : CG/JU
Sample : PB146900BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

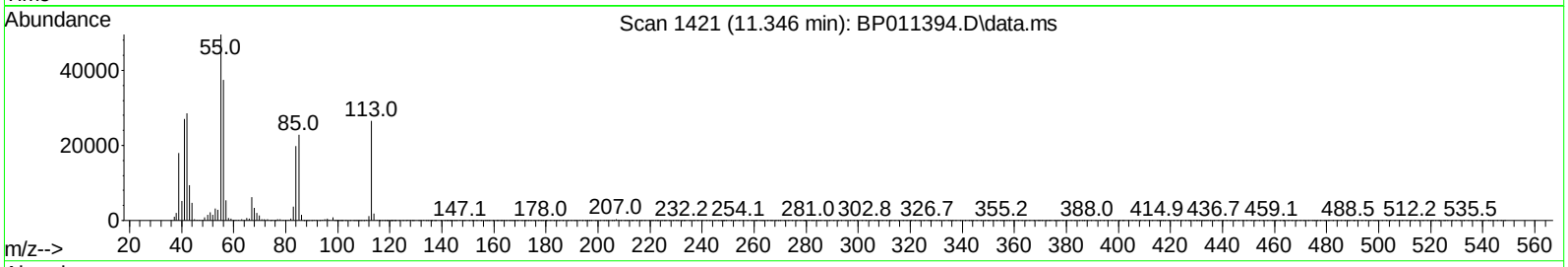
Quant Time: Aug 11 22:48:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 18:47:19 2022
Response via : Initial Calibration

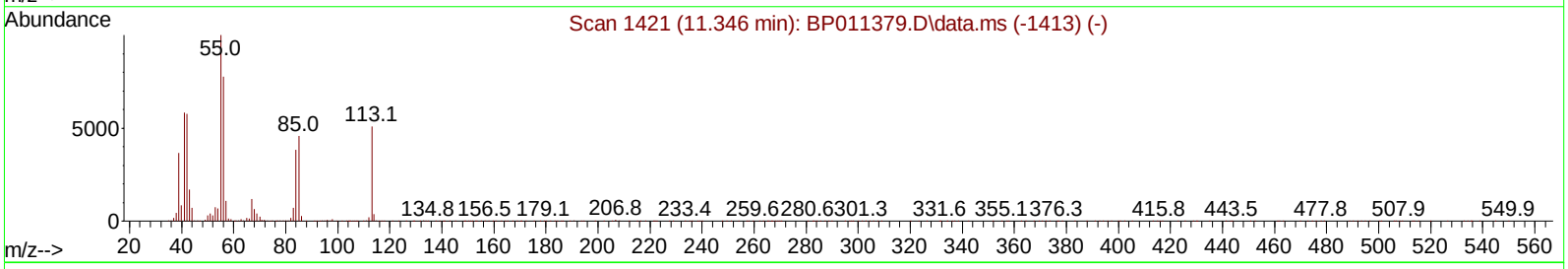
Instrument :
BNA_P
ClientSampleId :
SLCS900

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/12/2022
Supervised By :Sohil Jodhani 08/13/2022







TIC: BP011394.D\data.ms

(34) Caprolactam

11.346min (-0.006) 26.65 ng/ul

response 50909

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	205.30	186.46
56.00	158.80	140.67
0.00	0.00	0.00

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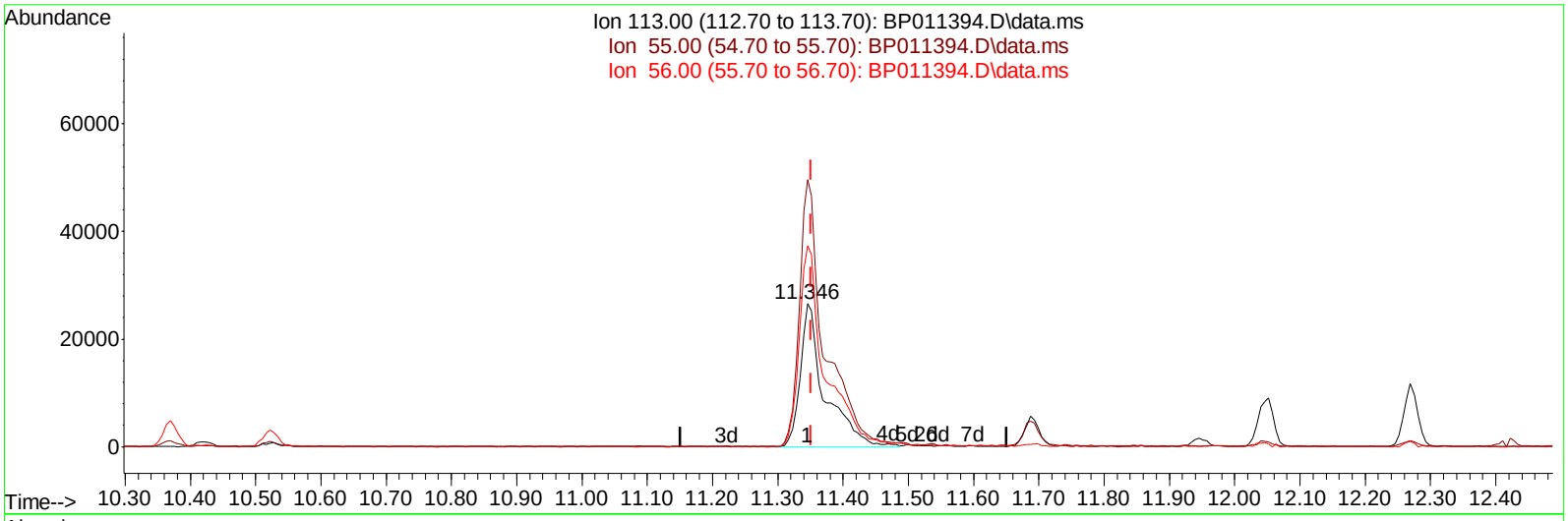

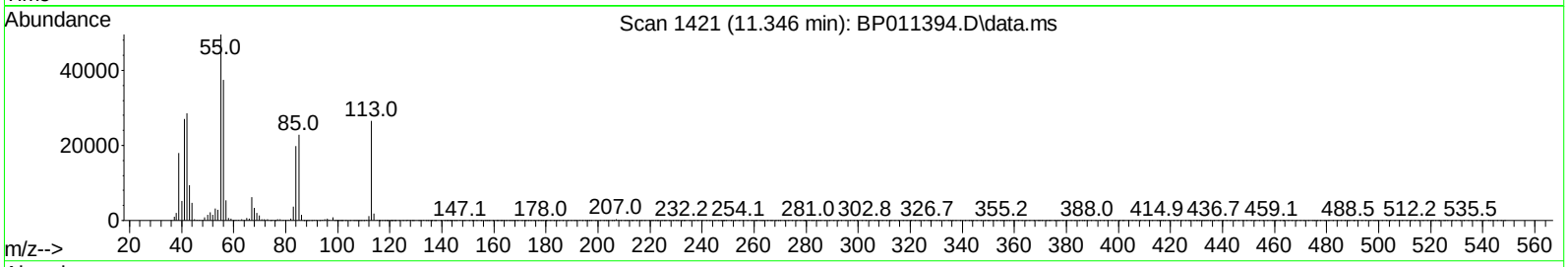

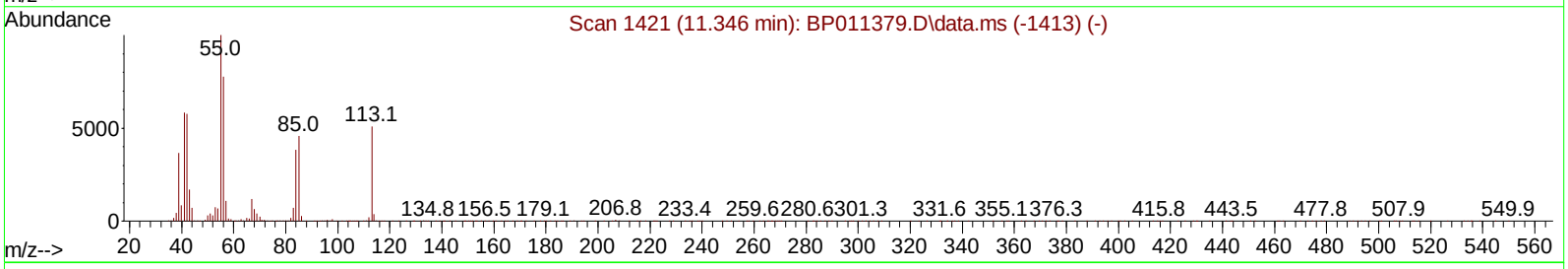

TIC: BP011394.D\data.ms

(34) Caprolactam

11.346min (-0.006) 36.50 ng/ul m

response 69705

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	205.30	186.46
56.00	158.80	140.67
0.00	0.00	0.00

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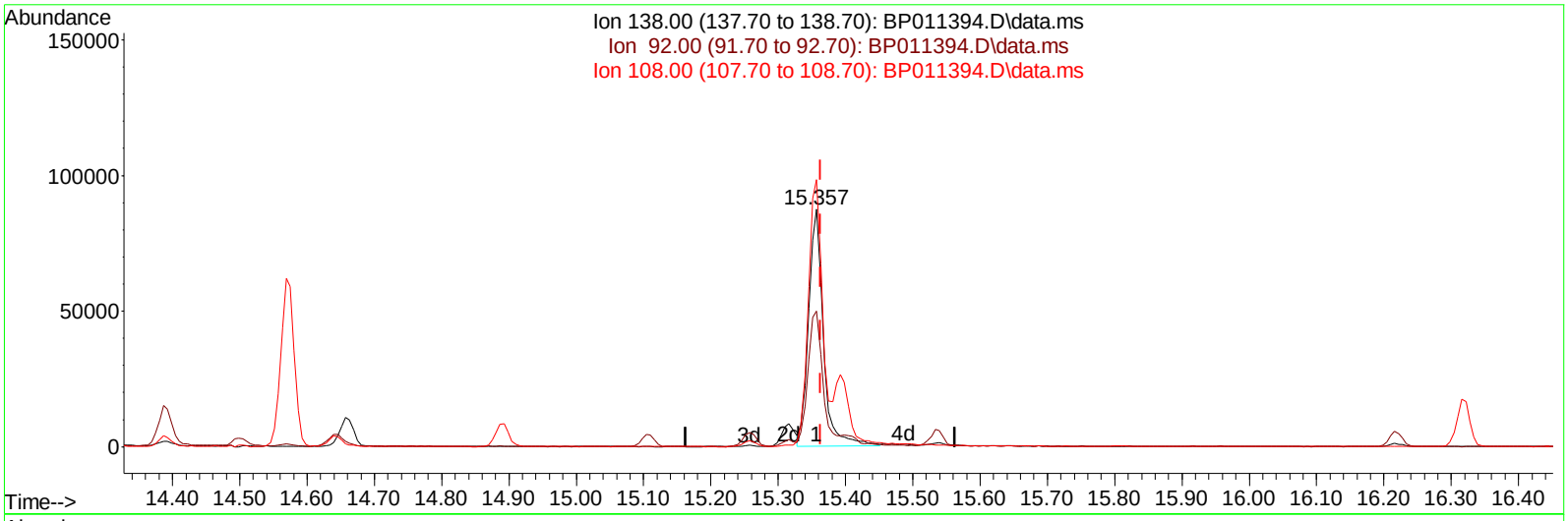

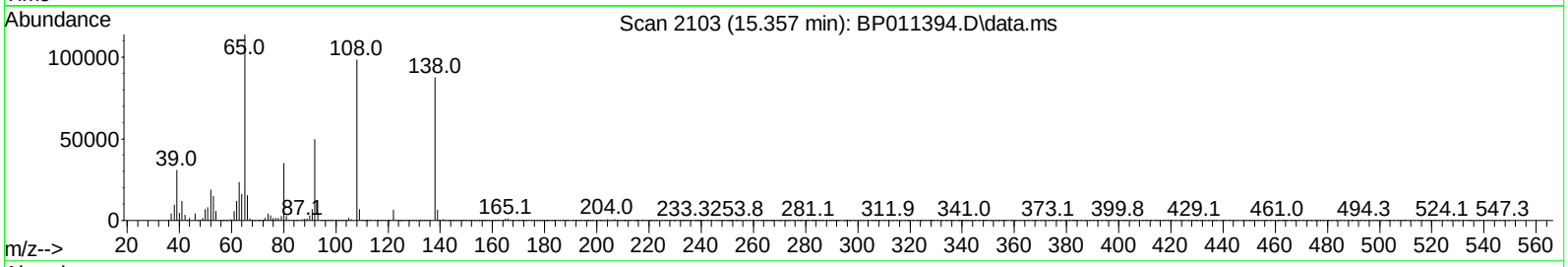

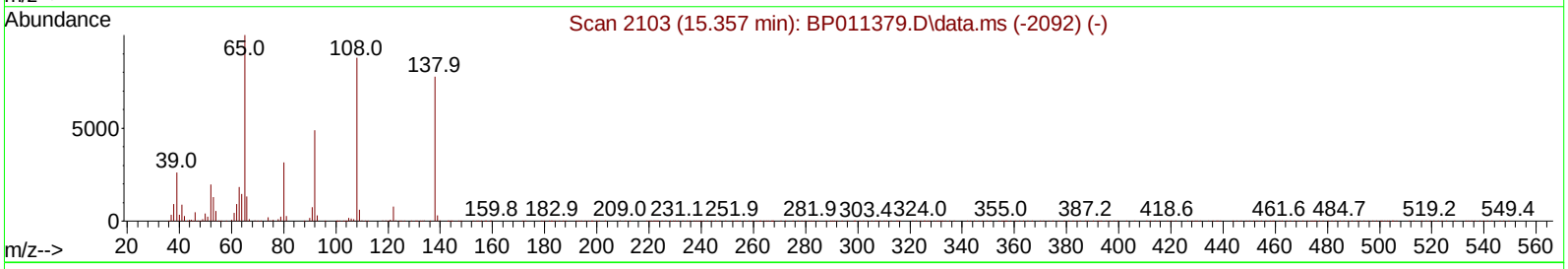

TIC: BP011394.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.006) 43.83 ng/ul

response 133451

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	69.90	57.07
108.00	83.90	112.30#
0.00	0.00	0.00

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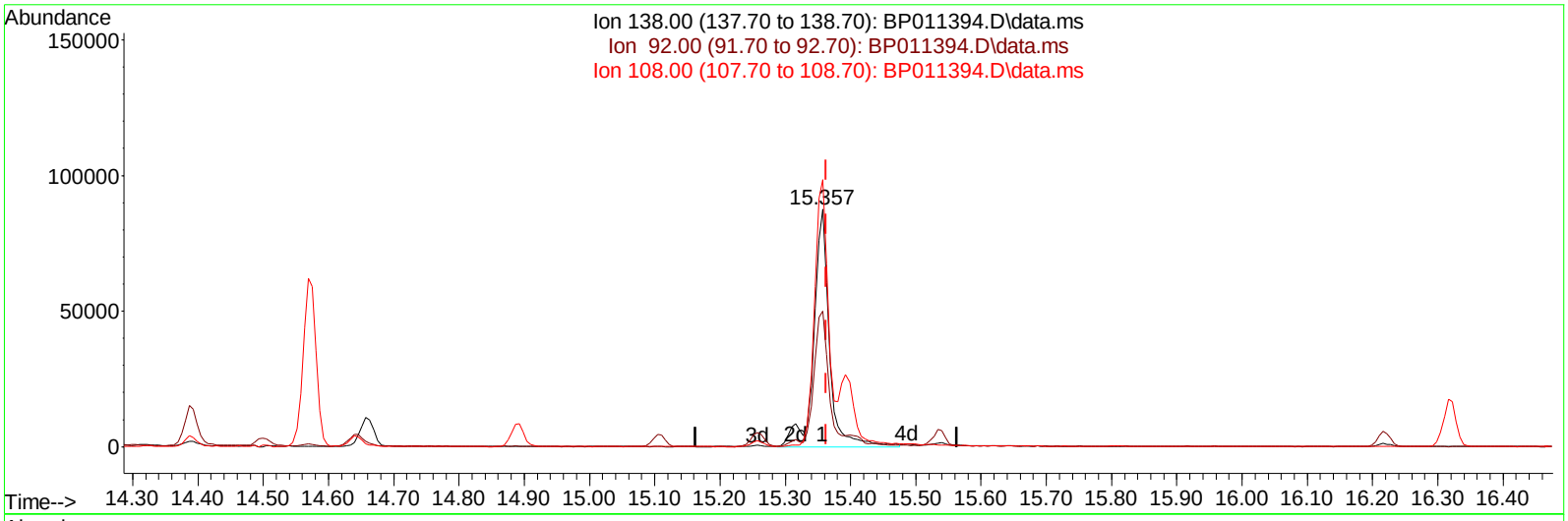

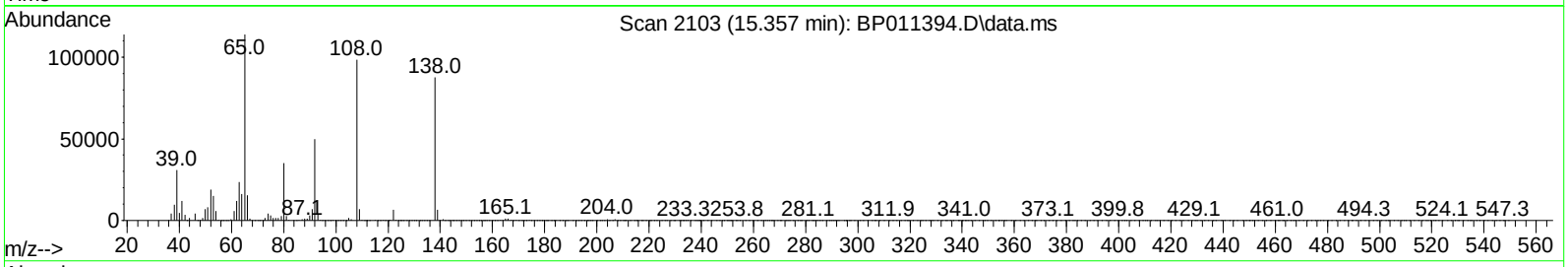

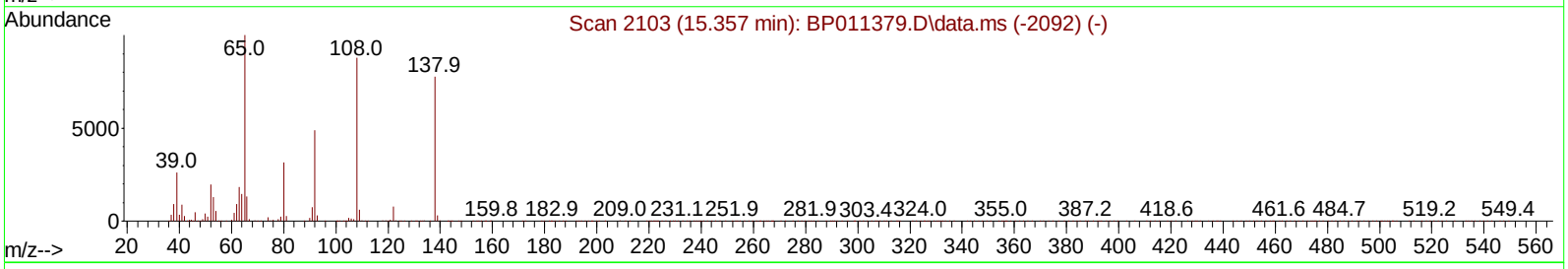

TIC: BP011394.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.006) 48.85 ng/ul m

response 148716

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	69.90	57.07
108.00	83.90	112.30#
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	7.581	152	99955	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.369	136	434045	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	258844	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	529090	20.000	ng/ul	-0.01
79) Chrysene-d12	21.157	240	509865	20.000	ng/ul	-0.01
88) Perylene-d12	23.469	264	502628	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.081	96	19554	5.997	ng/uL	0.00
4) Pyridine-d5	3.487	84	241760	29.394	ng/ul	-0.01
7) Phenol-d5	6.764	99	291869	32.995	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.928	67	191242	30.491	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.111	132	233543	33.649	ng/ul	-0.01
15) 4-Methylphenol-d8	8.305	113	231093	33.272	ng/ul	-0.01
21) Nitrobenzene-d5	8.746	128	113148	38.303	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.463	143	113282	41.886	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.999	165	201574	36.907	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.522	131	294371	30.829	ng/ul	-0.01
46) Dimethylphthalate-d6	13.681	166	655430	36.494	ng/ul	0.00
49) Acenaphthylene-d8	13.946	160	769161	35.578	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.487	143	118512	36.128	ng/ul	0.00
60) Fluorene-d10	15.257	176	530813	34.560	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.393	200	98196	39.957	ng/ul	0.00
73) Anthracene-d10	17.128	188	820022	34.482	ng/ul	-0.01
81) Pyrene-d10	19.392	212	927200	33.008	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.322	264	909786	35.892	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.117	88	39503	11.406	ng/uL#	83
5) Pyridine	3.511	79	235348	27.471	ng/ul	90
6) Benzaldehyde	6.734	77	168082	43.601	ng/ul	98
8) Phenol	6.793	94	288193	30.099	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.022	93	228895	29.683	ng/ul	95
12) 2-Chlorophenol	7.146	128	236645	32.721	ng/ul	97
13) 2-Methylphenol	8.034	108	214444	31.098	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.122	45	337773	29.205	ng/ul#	95
16) Acetophenone	8.411	105	364287	32.418	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.405	70	193272	34.913	ng/ul	97
18) 4-Methylphenol	8.369	108	230728	31.216	ng/ul	97
19) Hexachloroethane	8.646	117	103918	34.030	ng/ul	99
22) Nitrobenzene	8.787	77	284788	34.439	ng/ul	98
23) Isophorone	9.316	82	525674	34.655	ng/ul	98
25) 2-Nitrophenol	9.493	139	123746	39.260	ng/ul#	85
26) 2,4-Dimethylphenol	9.563	107	266216	33.427	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.805	93	308865	31.862	ng/ul	98
29) 2,4-Dichlorophenol	10.028	162	198058	34.677	ng/ul	99
30) Naphthalene	10.422	128	732299	31.010	ng/ul	99
32) 4-Chloroaniline	10.546	127	260941	27.264	ng/ul	99
33) Hexachlorobutadiene	10.705	225	124752	35.604	ng/ul	97
34) Caprolactam	11.346	113	69705m	36.495	ng/ul	
35) 4-Chloro-3-methylphenol	11.687	107	252906	37.661	ng/ul	96

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.046	142	482223	32.944 ng/ul	98
37) 1-Methylnaphthalene	12.269	142	487482	32.832 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.422	216	214169	31.429 ng/ul	97
40) Hexachlorocyclopentadiene	12.393	237	110876	30.364 ng/ul	98
41) 2,4,6-Trichlorophenol	12.675	196	144753	35.108 ng/ul	100
42) 2,4,5-Trichlorophenol	12.746	196	156999	35.677 ng/ul	100
43) 1,1'-Biphenyl	13.081	154	620784	30.542 ng/ul	98
44) 2-Chloronaphthalene	13.116	162	474771	31.132 ng/ul	96
45) 2-Nitroaniline	13.340	65	176008	45.442 ng/ul	98
47) Dimethylphthalate	13.728	163	635031	34.910 ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	122818	43.181 ng/ul	97
50) Acenaphthylene	13.975	152	798906	32.058 ng/ul	99
51) 3-Nitroaniline	14.181	138	133223	42.580 ng/ul	98
52) Acenaphthene	14.322	153	530712	31.931 ng/ul	98
53) 2,4-Dinitrophenol	14.387	184	62651	37.126 ng/ul#	87
55) 4-Nitrophenol	14.498	109	129755	42.640 ng/ul#	72
56) Dibenzofuran	14.657	168	720981	31.997 ng/ul	90
57) 2,4-Dinitrotoluene	14.640	165	185893	42.640 ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.893	232	127051	37.113 ng/ul#	95
59) Diethylphthalate	15.104	149	709086	37.628 ng/ul	97
61) Fluorene	15.316	166	602085	32.902 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	268794	33.603 ng/ul	89
63) 4-Nitroaniline	15.357	138	148716m	48.847 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	94285	37.258 ng/ul#	91
67) N-Nitrosodiphenylamine	15.540	169	512723	32.885 ng/ul	99
68) 4-Bromophenyl-phenylether	16.222	248	157283	33.593 ng/ul	93
69) Hexachlorobenzene	16.322	284	182076	33.287 ng/ul	95
70) Atrazine	16.510	200	150805	29.019 ng/ul	96
71) Pentachlorophenol	16.675	266	106795	33.632 ng/ul	98
72) Phenanthrene	17.069	178	948331	31.965 ng/ul	99
74) Anthracene	17.163	178	956568	32.388 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	212784	28.014 ng/uL	98
76) Pentachlorobenzene	14.575	250	205252	31.028 ng/uL	98
77) Carbazole	17.445	167	896939	32.499 ng/ul	98
78) Di-n-butylphthalate	18.016	149	1221121	40.463 ng/ul	99
80) Fluoranthene	19.063	202	1094784	32.020 ng/ul	94
82) Pyrene	19.422	202	1127726	31.249 ng/ul#	92
83) Butylbenzylphthalate	20.322	149	554665	48.231 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.086	252	347998	37.503 ng/ul	99
85) Benzo(a)anthracene	21.145	228	1061194	32.442 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.086	149	833991	45.174 ng/ul	97
87) Chrysene	21.198	228	1061926	32.795 ng/ul	99
89) Di-n-octyl phthalate	21.986	149	1392021	39.916 ng/ul	100
90) Benzo(b)fluoranthene	22.769	252	1123299	33.956 ng/ul	98
91) Benzo(k)fluoranthene	22.816	252	1014470	31.343 ng/ul	97
93) Benzo(a)pyrene	23.369	252	1068593	33.491 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.851	276	1175733	33.333 ng/ul	95
95) Dibenzo(a,h)anthracene	25.868	278	1008501	33.619 ng/ul#	93
96) Benzo(g,h,i)perylene	26.580	276	1003572	33.718 ng/ul	95

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

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