Quantitation Report (Qedit)

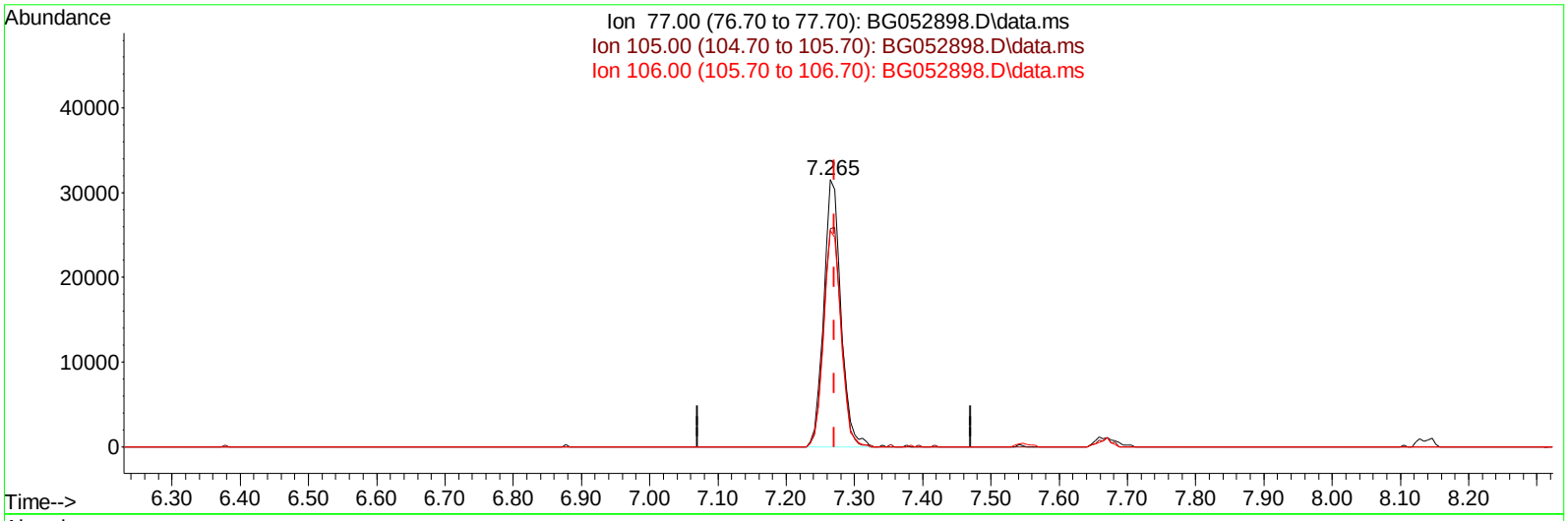
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
Data File : BG052898.D
Acq On : 28 Mar 2022 19:18
Operator : CG/JU
Sample : PB143640BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

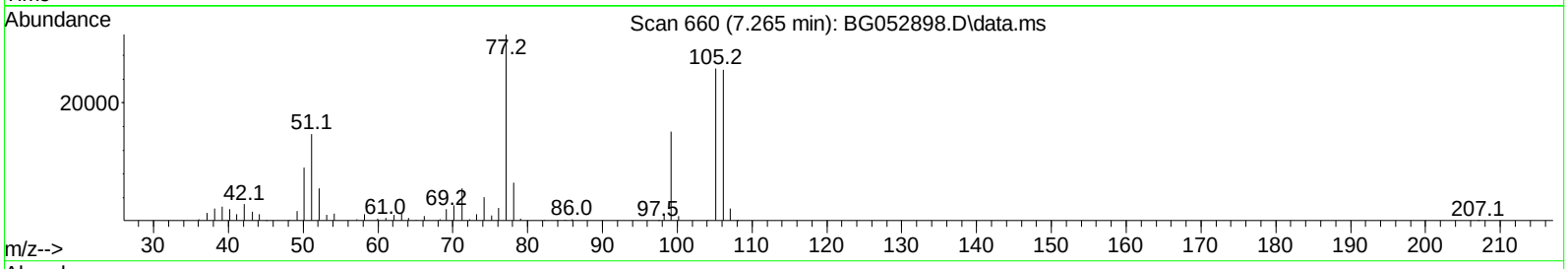
Quant Time: Mar 29 02:25:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 13:16:32 2022
Response via : Initial Calibration

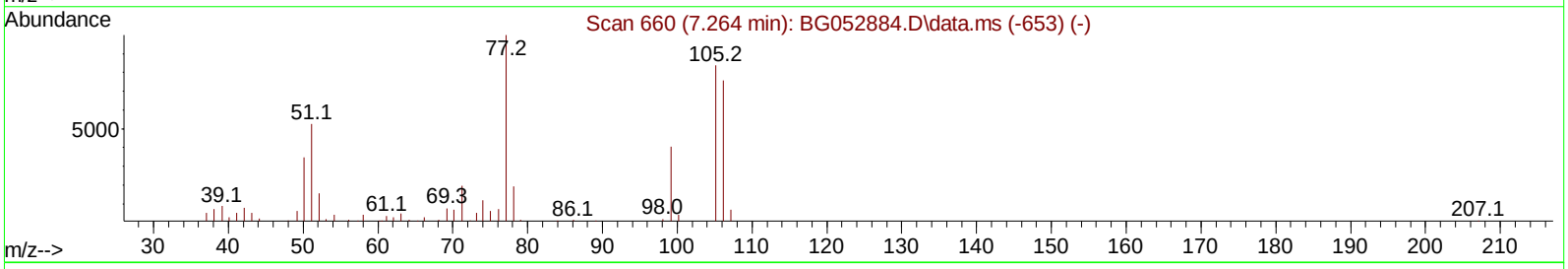
Instrument :
BNA_G
ClientSampleId :
SLCS640

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/29/2022
Supervised By :mohammad ahmed 03/29/2022







TIC: BG052898.D\data.ms

(6) Benzaldehyde

7.265min (-0.006) 32.10 ng/ul

response 55209

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.10	81.75
106.00	83.10	80.99
0.00	0.00	0.00

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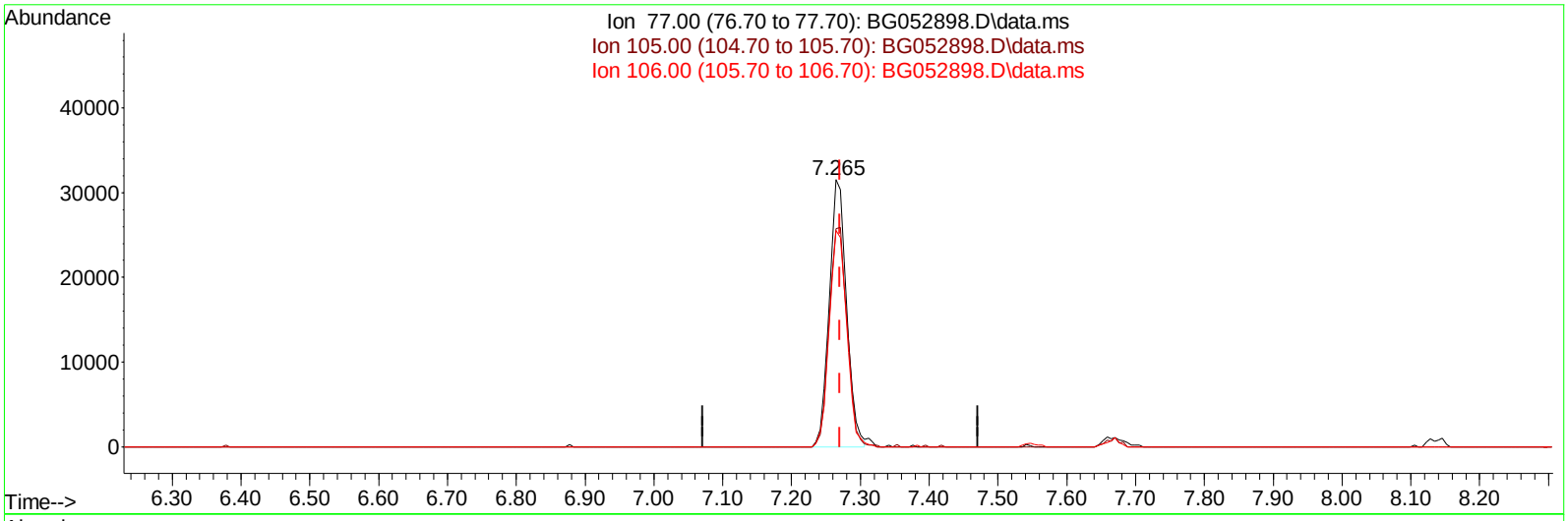

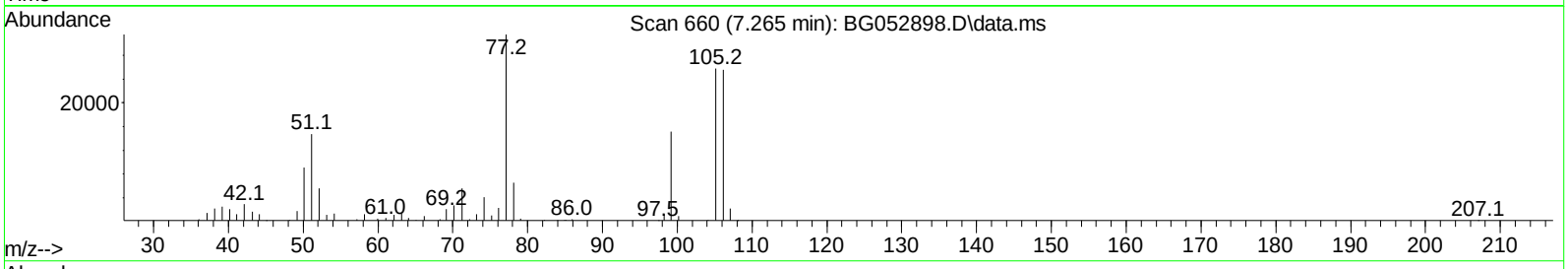

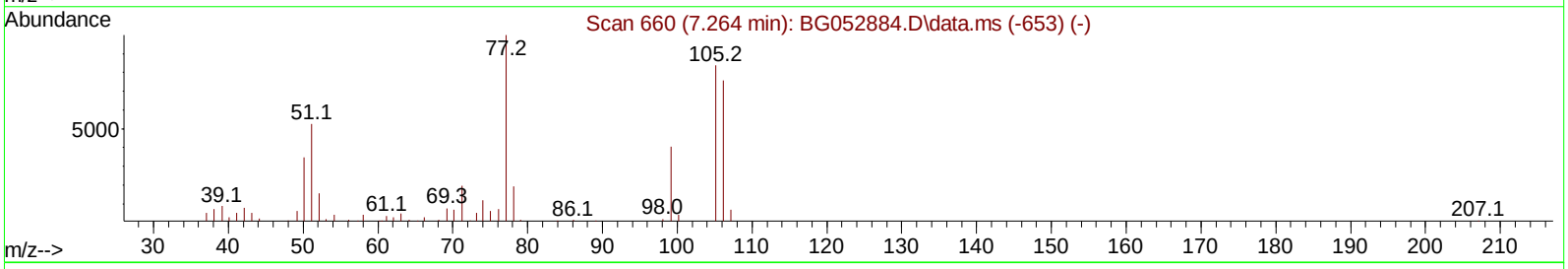

TIC: BG052898.D\data.ms

(6) Benzaldehyde

7.265min (-0.006) 31.78 ng/ul m

response 54662

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.10	81.75
106.00	83.10	80.99
0.00	0.00	0.00

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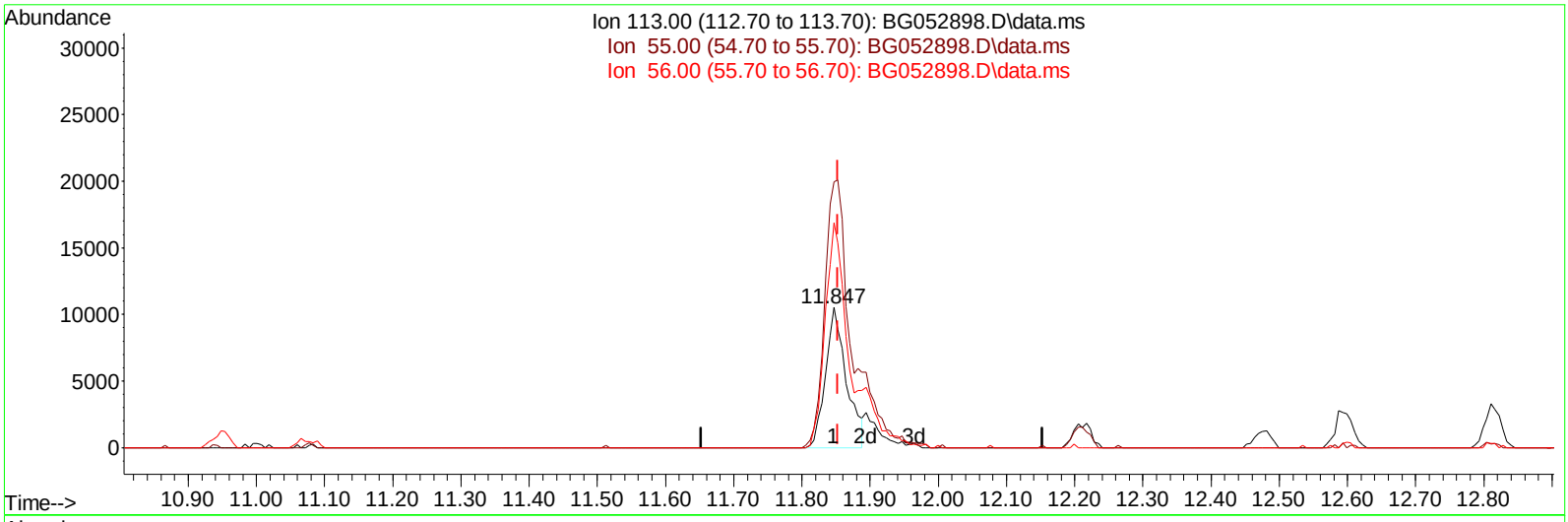

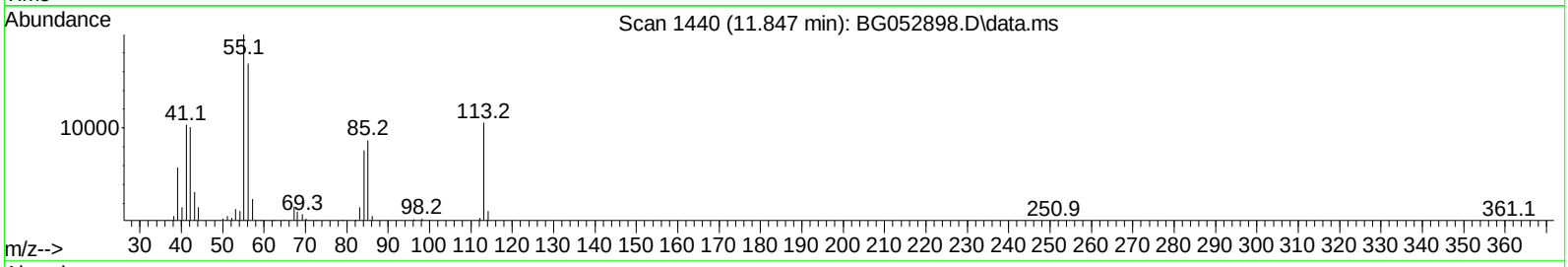

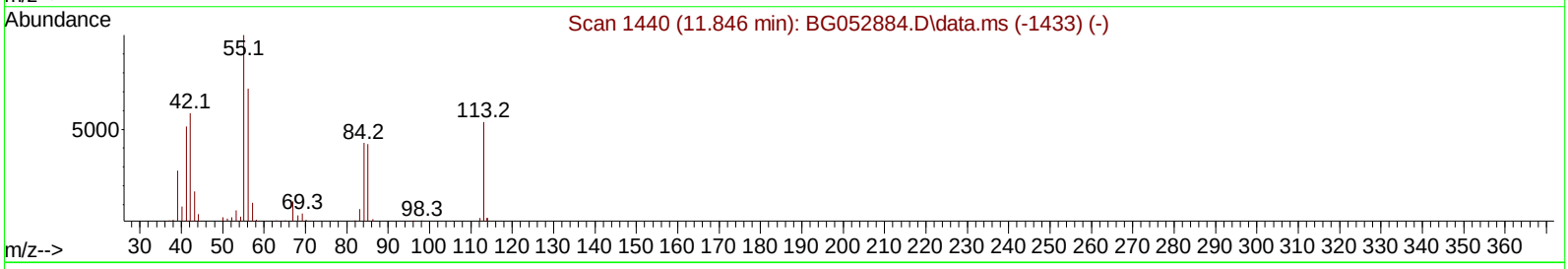

TIC: BG052898.D\data.ms

(34) Caprolactam

11.847min (-0.006) 35.30 ng/ul

response 22452

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.50	189.55
56.00	120.10	160.50#
0.00	0.00	0.00

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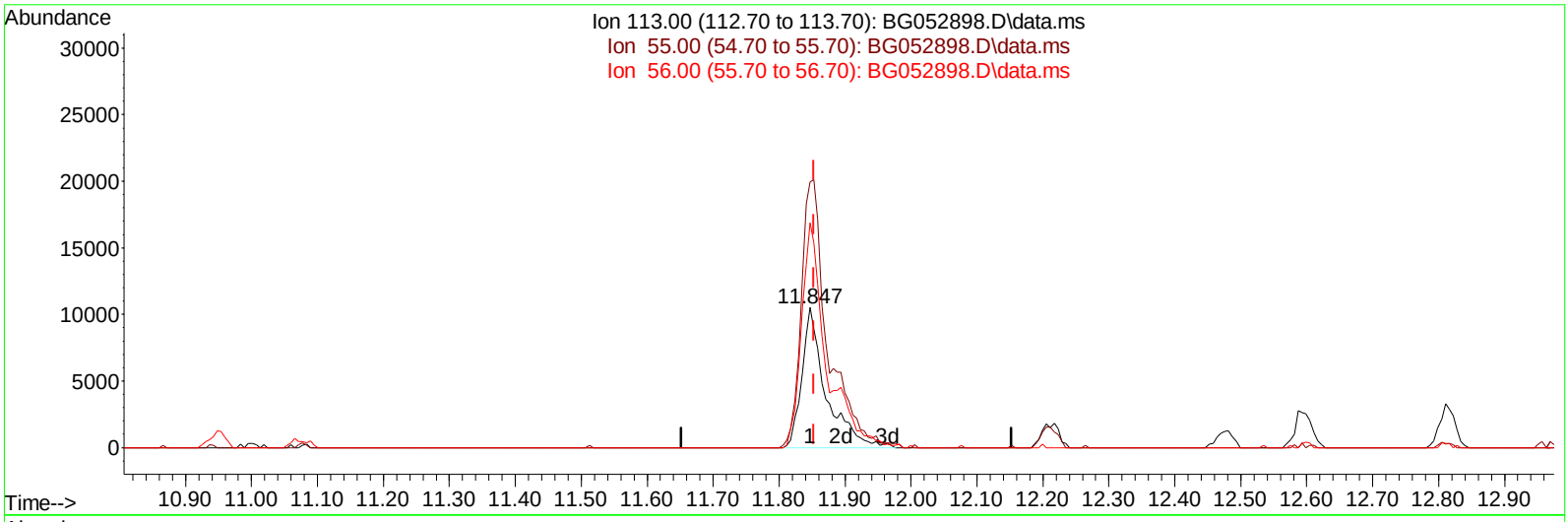

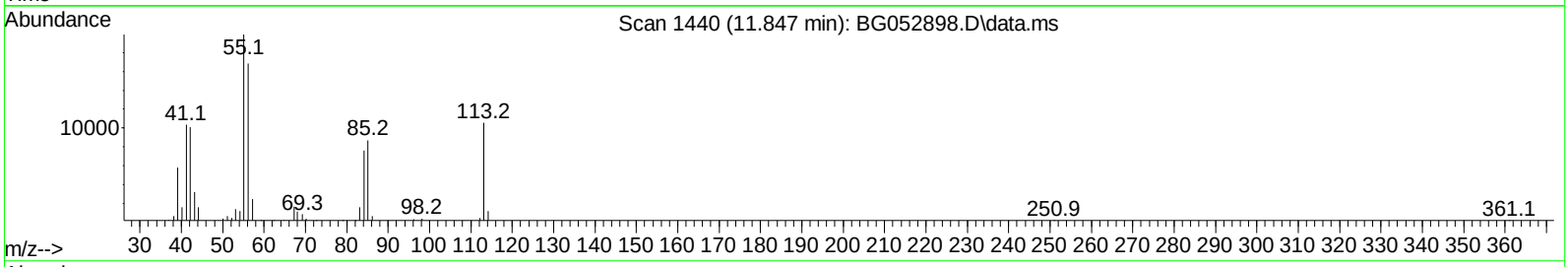

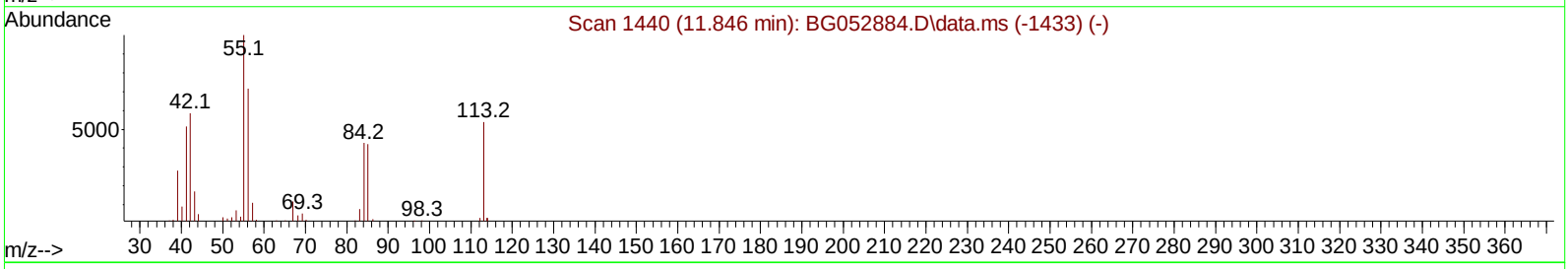

TIC: BG052898.D\data.ms

(34) Caprolactam

11.847min (-0.006) 42.01 ng/ul m

response 26720

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.50	189.55
56.00	120.10	160.50#
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	8.134	152	28887	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.948	136	131496	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.755	164	103499	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.498	188	248451	20.000	ng/ul	0.00
79) Chrysene-d12	21.786	240	251177	20.000	ng/ul	# 0.00
88) Perylene-d12	25.100	264	261359	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.552	96	4205	5.142	ng/uL	0.00
4) Pyridine-d5	3.963	84	57508	28.168	ng/ul	-0.01
7) Phenol-d5	7.283	99	87189	33.699	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.453	67	52508	33.229	ng/ul	0.00
11) 2-Chlorophenol-d4	7.664	132	57836	32.922	ng/ul	-0.01
15) 4-Methylphenol-d8	8.833	113	69245	36.947	ng/ul	0.00
21) Nitrobenzene-d5	9.297	128	31815	33.611	ng/ul	0.00
24) 2-Nitrophenol-d4	10.020	143	37004	37.064	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.560	165	71061	32.717	ng/ul	0.00
31) 4-Chloroaniline-d4	11.072	131	84658	29.491	ng/ul	0.00
46) Dimethylphthalate-d6	14.156	166	253234	31.848	ng/ul	0.00
49) Acenaphthylene-d8	14.449	160	287516	29.758	ng/ul	0.00
54) 4-Nitrophenol-d4	14.931	143	46020	34.424	ng/ul	0.00
60) Fluorene-d10	15.748	176	221034	31.660	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.853	200	44390	35.109	ng/ul	0.00
73) Anthracene-d10	17.604	188	354570	30.647	ng/ul	0.00
81) Pyrene-d10	19.883	212	447148	31.822	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.876	264	444266	32.898	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.588	88	10848	10.826	ng/uL	95
5) Pyridine	3.987	79	66749	30.257	ng/ul	92
6) Benzaldehyde	7.265	77	54662m	31.780	ng/ul	
8) Phenol	7.312	94	90354	36.235	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.547	93	63904	33.971	ng/ul	97
12) 2-Chlorophenol	7.700	128	63479	35.366	ng/ul	96
13) 2-Methylphenol	8.569	108	72300	37.306	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.657	45	105063	34.360	ng/ul	99
16) Acetophenone	8.957	105	107626	36.810	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.939	70	64272	37.707	ng/ul#	98
18) 4-Methylphenol	8.898	108	77626	38.445	ng/ul	98
19) Hexachloroethane	9.233	117	26307	33.033	ng/ul	97
22) Nitrobenzene	9.339	77	96247	34.799	ng/ul	90
23) Isophorone	9.861	82	182199	34.464	ng/ul	96
25) 2-Nitrophenol	10.055	139	38084	36.785	ng/ul#	84
26) 2,4-Dimethylphenol	10.108	107	84421	32.908	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.343	93	95802	32.587	ng/ul	99
29) 2,4-Dichlorophenol	10.590	162	72819	34.483	ng/ul	95
30) Naphthalene	11.001	128	217195	31.917	ng/ul	97
32) 4-Chloroaniline	11.101	127	83352	29.549	ng/ul	98
33) Hexachlorobutadiene	11.289	225	56554	32.792	ng/ul	95
34) Caprolactam	11.847	113	26720m	42.012	ng/ul	
35) 4-Chloro-3-methylphenol	12.211	107	88491	38.630	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.593	142	161669	33.664	ng/ul	99
37) 1-Methylnaphthalene	12.816	142	165053	33.949	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.963	216	106648	31.175	ng/ul	98
40) Hexachlorocyclopentadiene	12.945	237	62903	26.560	ng/ul	97
41) 2,4,6-Trichlorophenol	13.192	196	72693	34.774	ng/ul	94
42) 2,4,5-Trichlorophenol	13.263	196	77352	34.265	ng/ul	95
43) 1,1'-Biphenyl	13.592	154	232165	31.391	ng/ul	98
44) 2-Chloronaphthalene	13.639	162	182776	30.863	ng/ul	96
45) 2-Nitroaniline	13.827	65	69718	40.160	ng/ul	93
47) Dimethylphthalate	14.203	163	248254	32.717	ng/ul	99
48) 2,6-Dinitrotoluene	14.320	165	53572	38.974	ng/ul#	91
50) Acenaphthylene	14.485	152	300023	32.152	ng/ul	99
51) 3-Nitroaniline	14.649	138	50697	36.540	ng/ul	97
52) Acenaphthene	14.819	153	197520	32.401	ng/ul	98
53) 2,4-Dinitrophenol	14.849	184	31814	37.256	ng/ul#	69
55) 4-Nitrophenol	14.943	109	52511	37.323	ng/ul	94
56) Dibenzofuran	15.154	168	300132	33.210	ng/ul	100
57) 2,4-Dinitrotoluene	15.107	165	74223	38.058	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.377	232	76403	37.547	ng/ul#	98
59) Diethylphthalate	15.565	149	261100	33.976	ng/ul	99
61) Fluorene	15.806	166	245494	32.771	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.789	204	133415	33.469	ng/ul	98
63) 4-Nitroaniline	15.812	138	52179	38.244	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.871	198	48931	39.553	ng/ul#	99
67) N-Nitrosodiphenylamine	16.000	169	220778	32.866	ng/ul	98
68) 4-Bromophenyl-phenylether	16.687	248	94236	38.307	ng/ul	94
69) Hexachlorobenzene	16.811	284	108299	34.080	ng/ul#	93
70) Atrazine	16.946	200	75337	27.365	ng/ul	98
71) Pentachlorophenol	17.151	266	63841	33.037	ng/ul	95
72) Phenanthrene	17.545	178	431022	33.055	ng/ul	98
74) Anthracene	17.633	178	419515	32.180	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.562	216	117288	31.697	ng/uL	99
76) Pentachlorobenzene	15.078	250	122944	34.631	ng/uL	98
77) Carbazole	17.898	167	389367	33.796	ng/ul	97
78) Di-n-butylphthalate	18.456	149	452592	33.035	ng/ul	99
80) Fluoranthene	19.548	202	560592	33.855	ng/ul	100
82) Pyrene	19.912	202	546375	33.197	ng/ul#	96
83) Butylbenzylphthalate	20.788	149	201899	35.283	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.675	252	184003	32.684	ng/ul	97
85) Benzo(a)anthracene	21.769	228	548277	33.821	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.669	149	281779	35.553	ng/ul	97
87) Chrysene	21.833	228	511336	33.069	ng/ul	99
89) Di-n-octyl phthalate	22.908	149	477402	35.069	ng/ul	100
90) Benzo(b)fluoranthene	24.042	252	569687	33.756	ng/ul	98
91) Benzo(k)fluoranthene	24.119	252	533524	34.254	ng/ul	98
93) Benzo(a)pyrene	24.941	252	534487	33.545	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.883	276	624008	34.629	ng/ul	98
95) Dibenzo(a,h)anthracene	28.947	278	522122	34.091	ng/ul	98
96) Benzo(g,h,i)perylene	30.058	276	516709	33.921	ng/ul	98

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

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