Quantitation Report (Qedit)

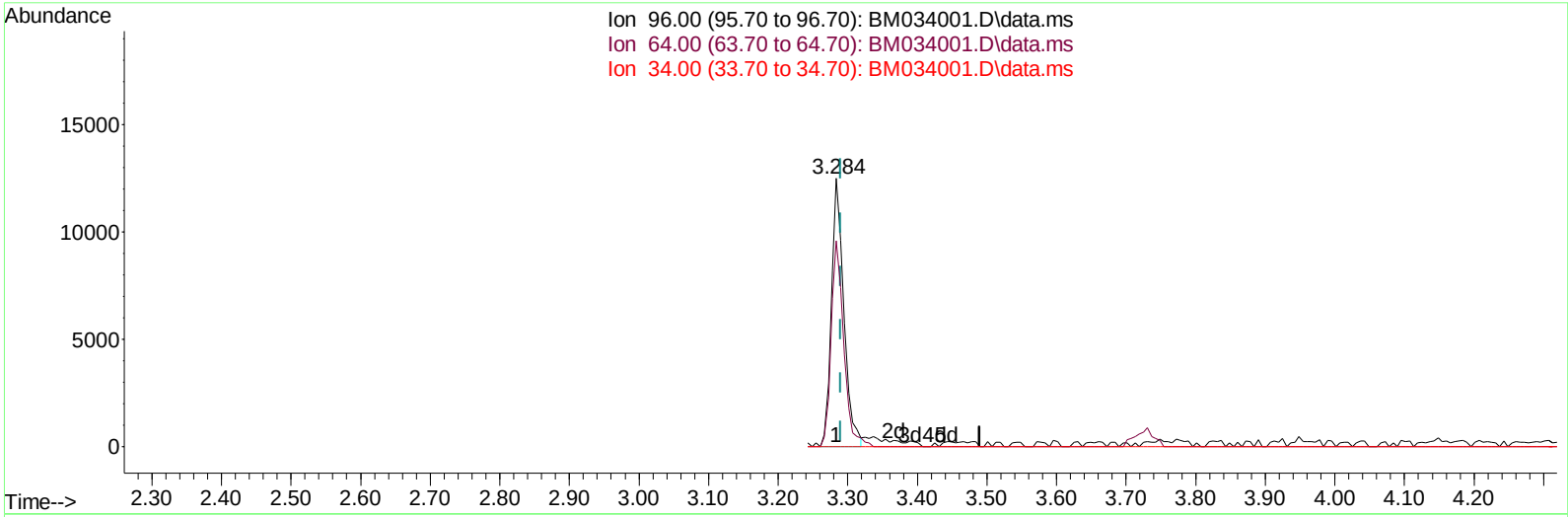
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020322\
Data File : BM034001.D
Acq On : 03 Feb 2022 14:36
Operator : CG/JU
Sample : PB142431BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

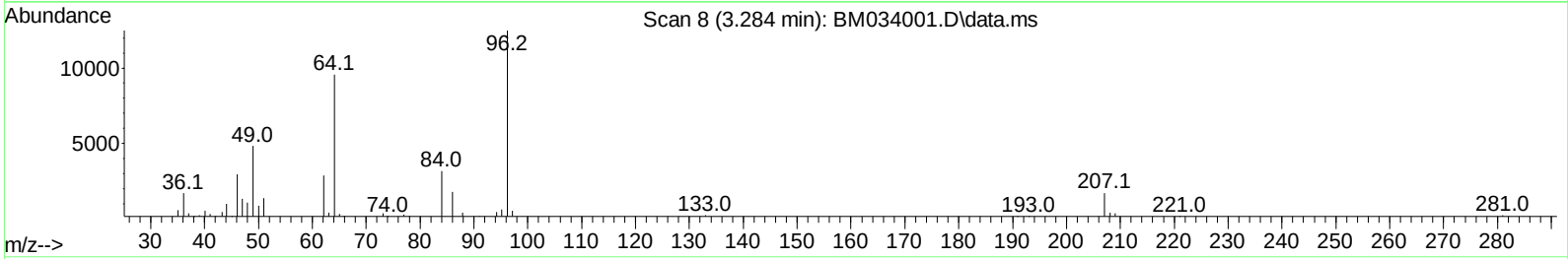
Quant Time: Feb 04 00:06:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 01 02:16:28 2022
Response via : Initial Calibration

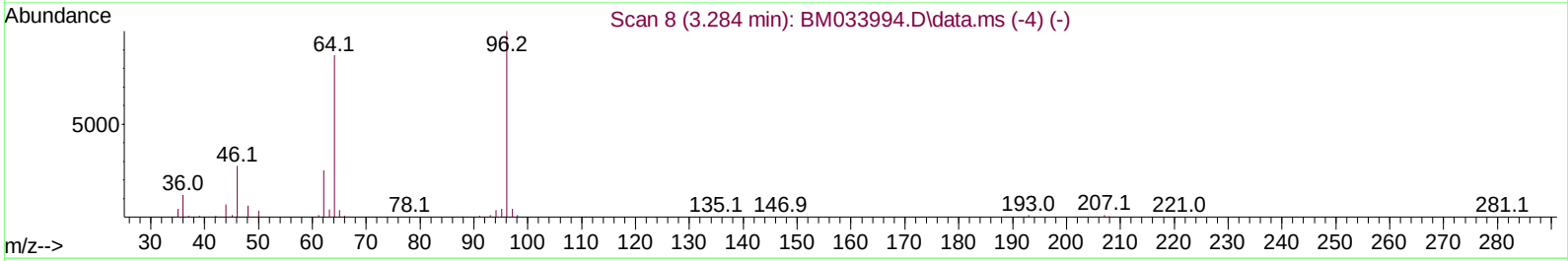
Instrument :
BNA_M
ClientSampleId :
SLCS431

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2022
Supervised By :mohammad ahmed 02/04/2022







TIC: BM034001.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.284min (-0.006) 5.07 ng/uL

response 15644

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	76.65
34.00	0.00	0.00
0.00	0.00	0.00

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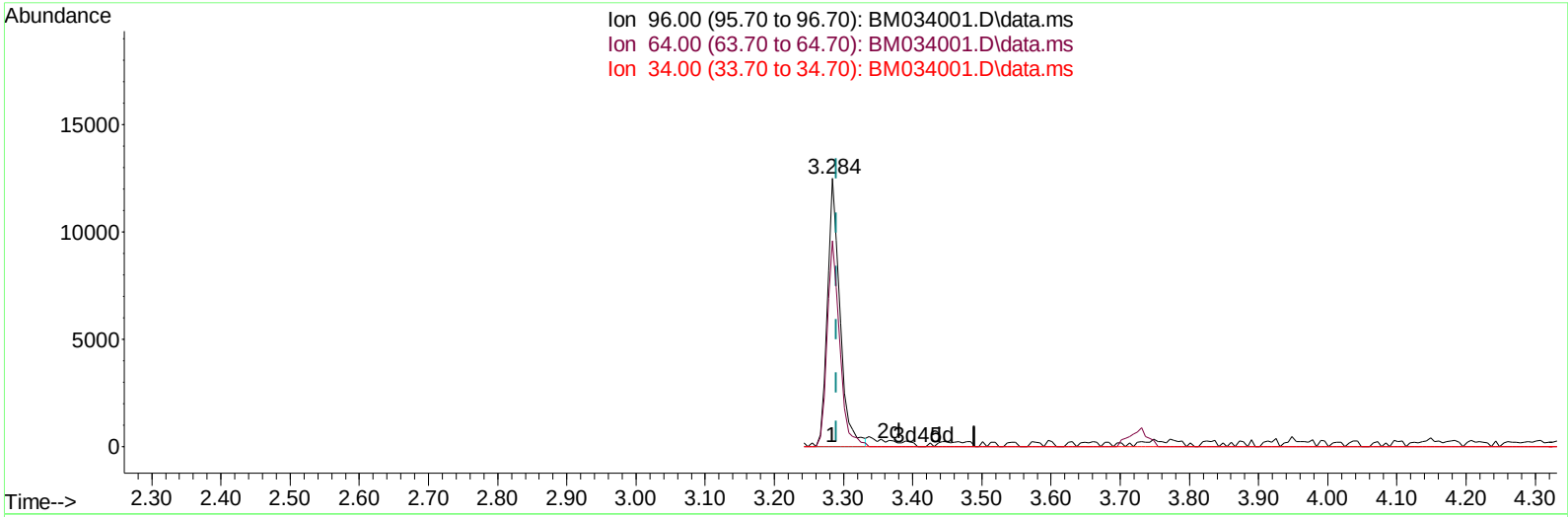

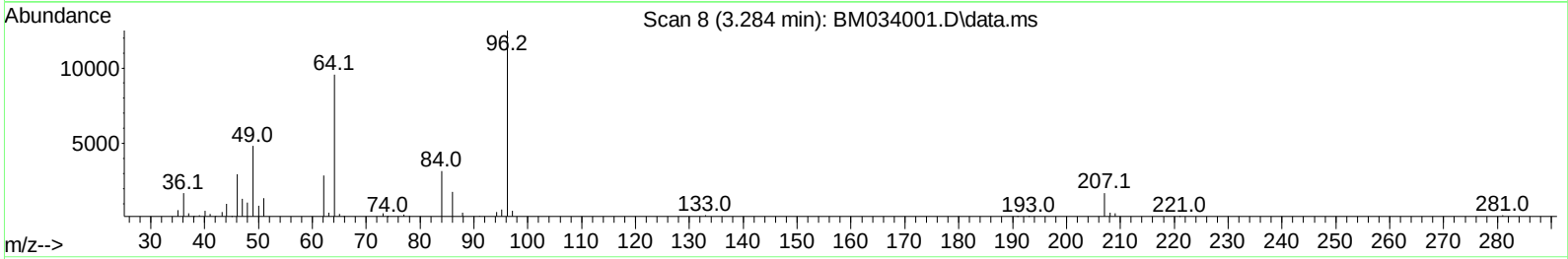

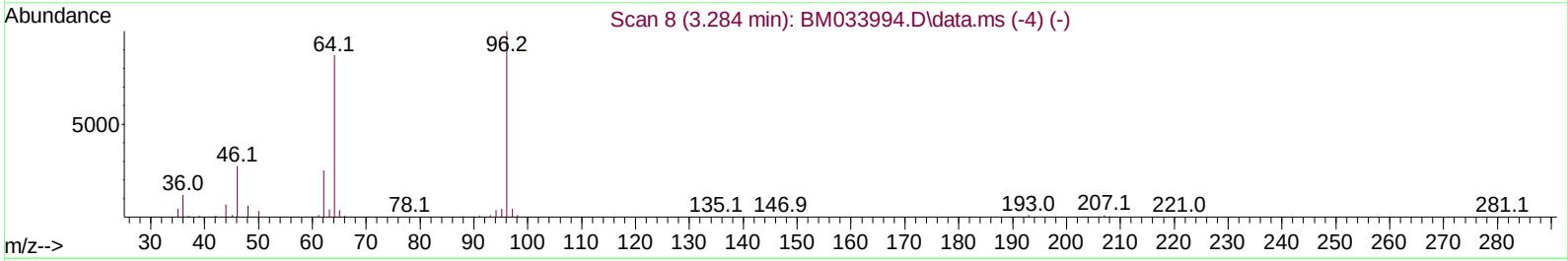

TIC: BM034001.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.284min (-0.006) 5.16 ng/uL m

response 15932

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	76.65
34.00	0.00	0.00
0.00	0.00	0.00

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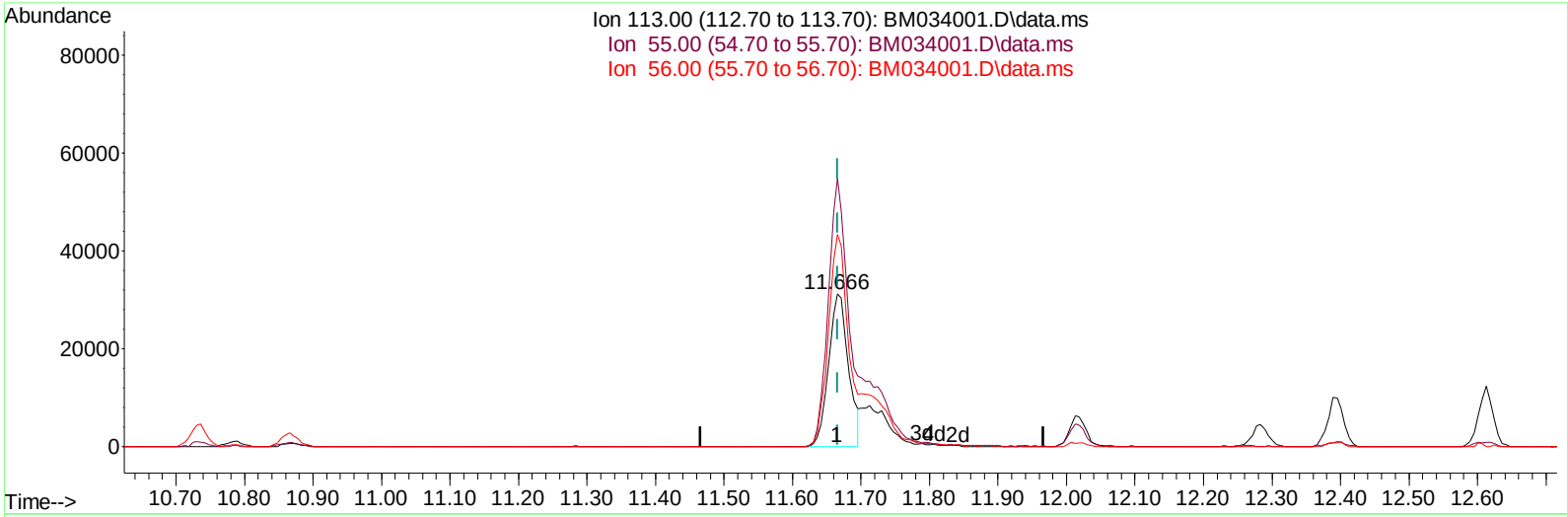

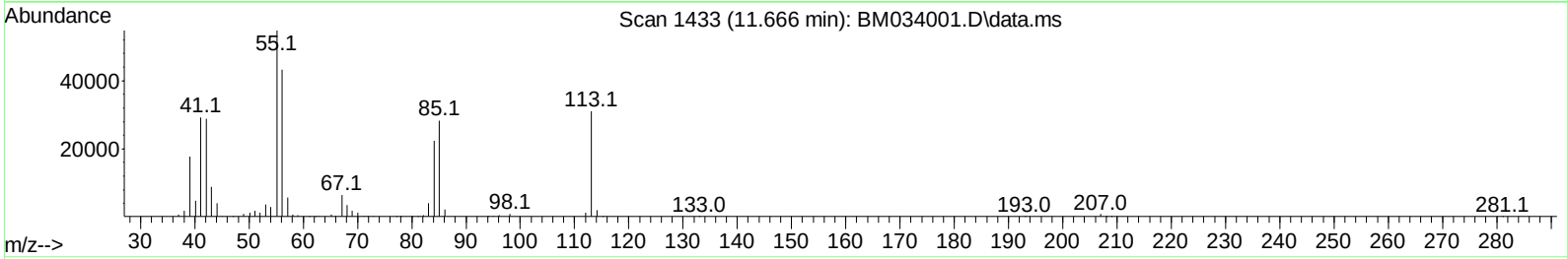

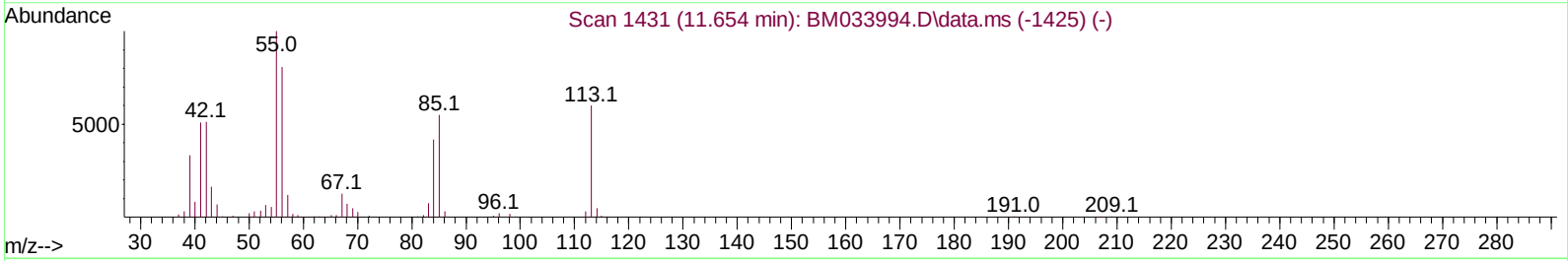

TIC: BM034001.D\data.ms

(34) Caprolactam

11.666min (-0.000) 25.99 ng/ul

response 62554

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	175.87
56.00	164.70	138.94
0.00	0.00	0.00

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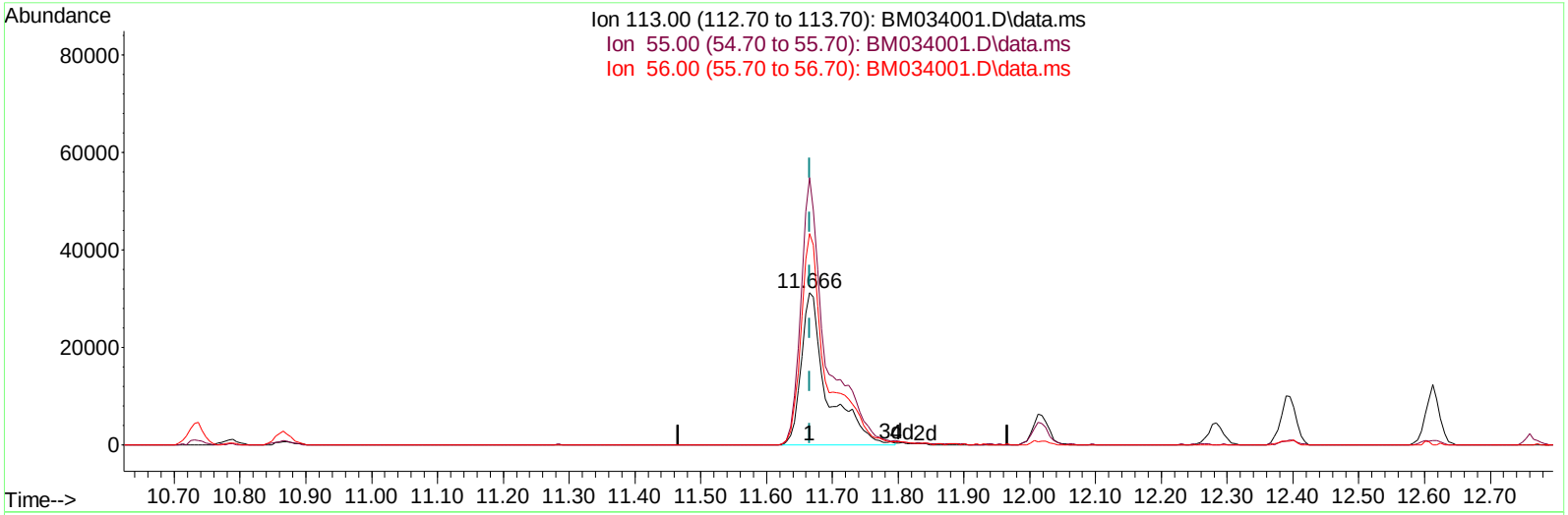

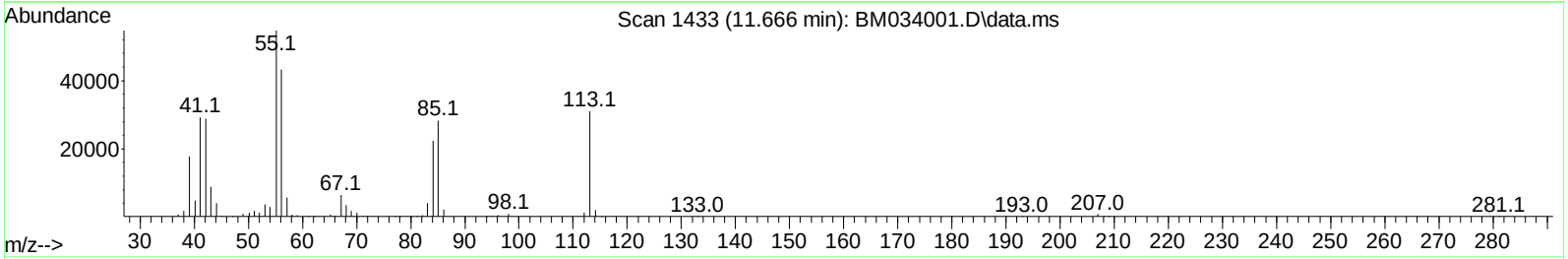

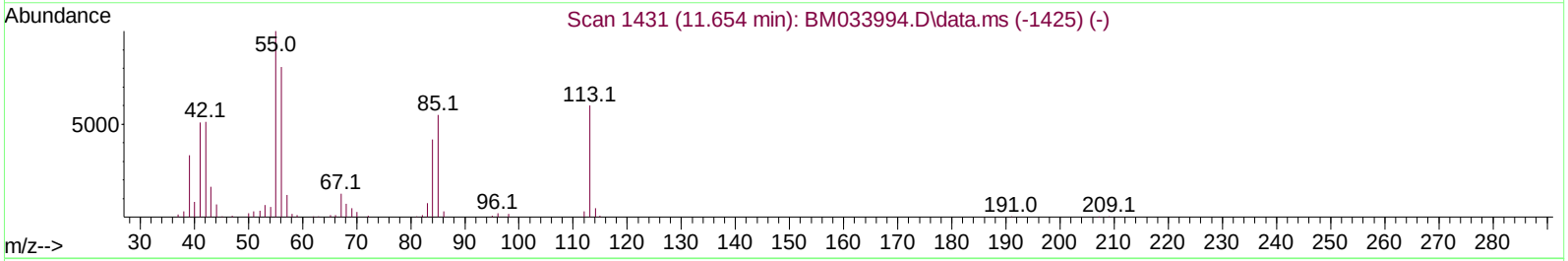

TIC: BM034001.D\data.ms

(34) Caprolactam

11.666min (-0.000) 35.52 ng/ul m

response 85507

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	175.87
56.00	164.70	138.94
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	7.919	152	121677	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.736	136	539884	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.560	164	355478	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.295	188	726478	20.000	ng/ul	-0.01
79) Chrysene-d12	21.465	240	569566	20.000	ng/ul	0.00
88) Perylene-d12	23.853	264	500808	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	15932m	5.164	ng/uL	0.00
4) Pyridine-d5	3.713	84	217780	25.290	ng/ul	0.00
7) Phenol-d5	7.078	99	314883	30.890	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	191408	30.799	ng/ul	0.00
11) 2-Chlorophenol-d4	7.448	132	252417	30.907	ng/ul	-0.01
15) 4-Methylphenol-d8	8.636	113	266035	32.935	ng/ul	0.00
21) Nitrobenzene-d5	9.083	128	129007	29.780	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.813	143	145015	30.999	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.354	165	266335	31.461	ng/ul	0.00
31) 4-Chloroaniline-d4	10.866	131	348990	29.853	ng/ul	0.00
46) Dimethylphthalate-d6	13.971	166	902258	33.966	ng/ul	0.00
49) Acenaphthylene-d8	14.254	160	1051677	32.319	ng/ul	0.00
54) 4-Nitrophenol-d4	14.754	143	150025	33.057	ng/ul	0.00
60) Fluorene-d10	15.548	176	747077	33.682	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.665	200	145161	31.828	ng/ul	0.00
73) Anthracene-d10	17.395	188	1155051	33.200	ng/ul	0.00
81) Pyrene-d10	19.683	212	1217654	36.212	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.700	264	887696	33.747	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	30751	9.134	ng/uL#	88
5) Pyridine	3.731	79	222945	25.082	ng/ul	89
6) Benzaldehyde	7.054	77	164611	26.745	ng/ul#	82
8) Phenol	7.107	94	302146	28.903	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.342	93	239212	28.971	ng/ul	89
12) 2-Chlorophenol	7.484	128	244229	28.543	ng/ul#	88
13) 2-Methylphenol	8.366	108	237679	30.103	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.460	45	330503	29.734	ng/ul	96
16) Acetophenone	8.748	105	397709	31.015	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.736	70	209433	32.170	ng/ul#	89
18) 4-Methylphenol	8.695	108	260728	30.953	ng/ul	95
19) Hexachloroethane	9.013	117	103556	27.893	ng/ul#	85
22) Nitrobenzene	9.131	77	298743	27.856	ng/ul#	91
23) Isophorone	9.660	82	588661	30.584	ng/ul	96
25) 2-Nitrophenol	9.842	139	145304	28.949	ng/ul#	84
26) 2,4-Dimethylphenol	9.907	107	314310	28.708	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.142	93	344170	28.762	ng/ul	96
29) 2,4-Dichlorophenol	10.378	162	249873	29.542	ng/ul	99
30) Naphthalene	10.783	128	830777	27.819	ng/ul	99
32) 4-Chloroaniline	10.889	127	310127	26.127	ng/ul	99
33) Hexachlorobutadiene	11.077	225	174072	27.812	ng/ul	94
34) Caprolactam	11.666	113	85507m	35.522	ng/ul	
35) 4-Chloro-3-methylphenol	12.019	107	317911	32.800	ng/ul	90

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.395	142	591617	30.070 ng/ul	99
37) 1-Methylnaphthalene	12.613	142	605156	30.005 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.760	216	311030	27.511 ng/ul	98
40) Hexachlorocyclopentadiene	12.748	237	188592	22.612 ng/ul	99
41) 2,4,6-Trichlorophenol	13.001	196	212613	30.200 ng/ul	99
42) 2,4,5-Trichlorophenol	13.071	196	231173	30.954 ng/ul	94
43) 1,1'-Biphenyl	13.401	154	821070	28.813 ng/ul	99
44) 2-Chloronaphthalene	13.442	162	614142	28.585 ng/ul	99
45) 2-Nitroaniline	13.642	65	208191	32.928 ng/ul#	81
47) Dimethylphthalate	14.018	163	851932	31.932 ng/ul	99
48) 2,6-Dinitrotoluene	14.136	165	170736	33.529 ng/ul	95
50) Acenaphthylene	14.283	152	1042407	30.045 ng/ul	99
51) 3-Nitroaniline	14.460	138	160965	32.019 ng/ul	90
52) Acenaphthene	14.624	153	678049	29.851 ng/ul	97
53) 2,4-Dinitrophenol	14.665	184	89392	28.767 ng/ul	89
55) 4-Nitrophenol	14.765	109	133799	30.540 ng/ul	86
56) Dibenzofuran	14.960	168	973763	30.463 ng/ul	99
57) 2,4-Dinitrotoluene	14.918	165	251798	34.656 ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.183	232	197869	32.203 ng/ul	99
59) Diethylphthalate	15.377	149	901998	33.193 ng/ul	99
61) Fluorene	15.607	166	802623	31.375 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.601	204	409218	31.317 ng/ul	97
63) 4-Nitroaniline	15.618	138	172467	35.565 ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.683	198	135263	29.683 ng/ul#	90
67) N-Nitrosodiphenylamine	15.807	169	695987	30.872 ng/ul	98
68) 4-Bromophenyl-phenylether	16.489	248	247258	31.500 ng/ul	97
69) Hexachlorobenzene	16.607	284	278043	30.979 ng/ul	99
70) Atrazine	16.759	200	252557	29.773 ng/ul	98
71) Pentachlorophenol	16.948	266	172151	29.905 ng/ul	95
72) Phenanthrene	17.342	178	1259278	30.826 ng/ul	99
74) Anthracene	17.430	178	1284203	31.280 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.366	216	322663	25.414 ng/uL	96
76) Pentachlorobenzene	14.883	250	331429	29.282 ng/uL	97
77) Carbazole	17.695	167	1100383	30.280 ng/ul	98
78) Di-n-butylphthalate	18.265	149	1532558	33.916 ng/ul	99
80) Fluoranthene	19.348	202	1385268	34.416 ng/ul	99
82) Pyrene	19.712	202	1381300	33.576 ng/ul	99
83) Butylbenzylphthalate	20.600	149	607730	36.256 ng/ul	89
84) 3,3'-Dichlorobenzidine	21.377	252	332030	29.294 ng/ul	97
85) Benzo(a)anthracene	21.447	228	1149580	31.156 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.377	149	908798	37.179 ng/ul	100
87) Chrysene	21.500	228	1122525	31.131 ng/ul	99
89) Di-n-octyl phthalate	22.294	149	1405975	38.770 ng/ul	100
90) Benzo(b)fluoranthene	23.124	252	1075862	31.625 ng/ul	100
91) Benzo(k)fluoranthene	23.171	252	1007268	32.251 ng/ul	100
93) Benzo(a)pyrene	23.747	252	1004745	31.234 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.347	276	1115137	29.991 ng/ul	97
95) Dibenzo(a,h)anthracene	26.359	278	960272	29.837 ng/ul	98
96) Benzo(g,h,i)perylene	27.112	276	934380	29.887 ng/ul	99

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

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