Quantitation Report (Qedit)

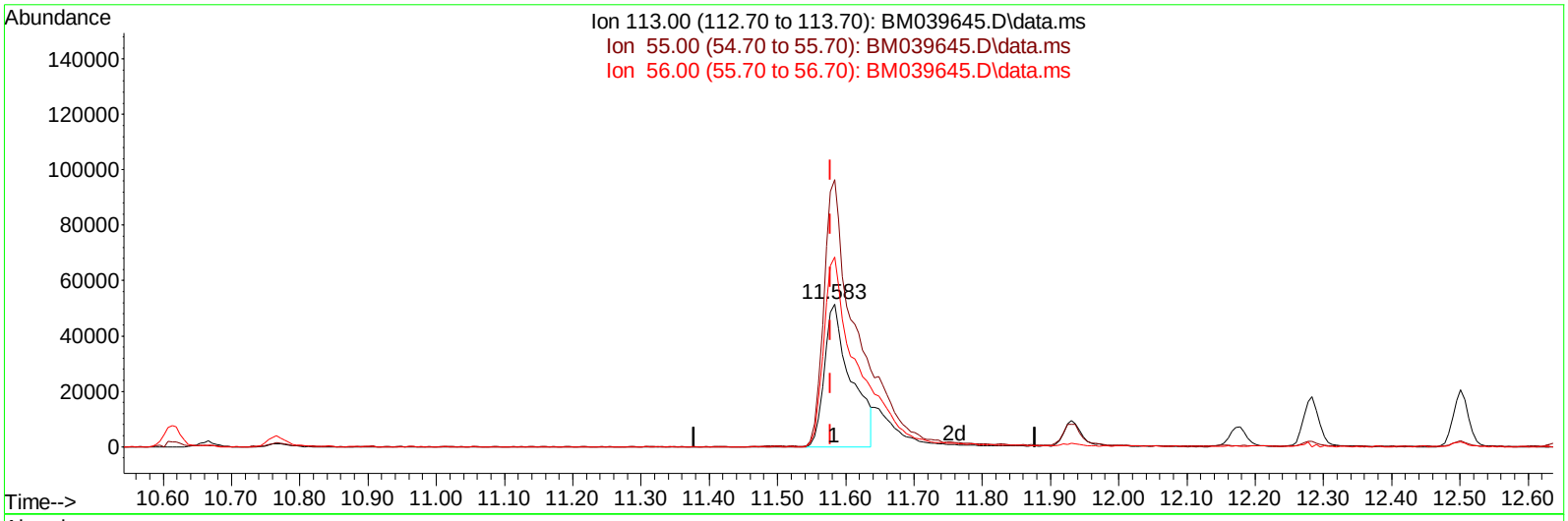
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039645.D
Acq On : 25 Apr 2023 17:53
Operator : CG/JU
Sample : PB152369BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

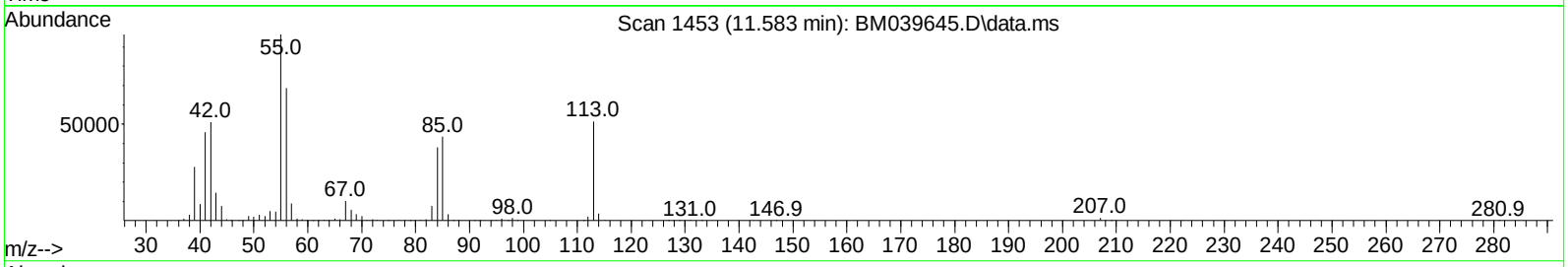
Quant Time: Apr 25 22:41:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 25 22:38:31 2023
Response via : Initial Calibration

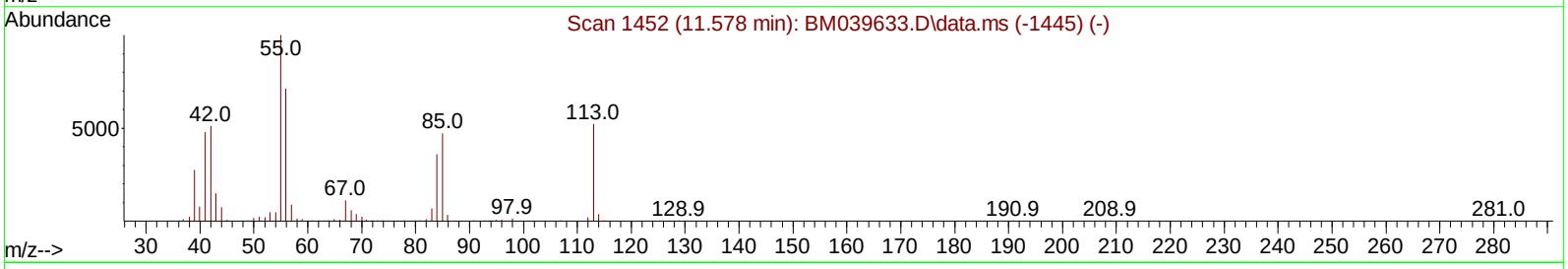
Instrument :
BNA_M
ClientSampleId :
SLCS369

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023







TIC: BM039645.D\data.ms

(34) Caprolactam

11.583min (+ 0.006) 24.29 ng/ul

response 138550

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	187.15
56.00	129.90	133.14
0.00	0.00	0.00

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Misc :
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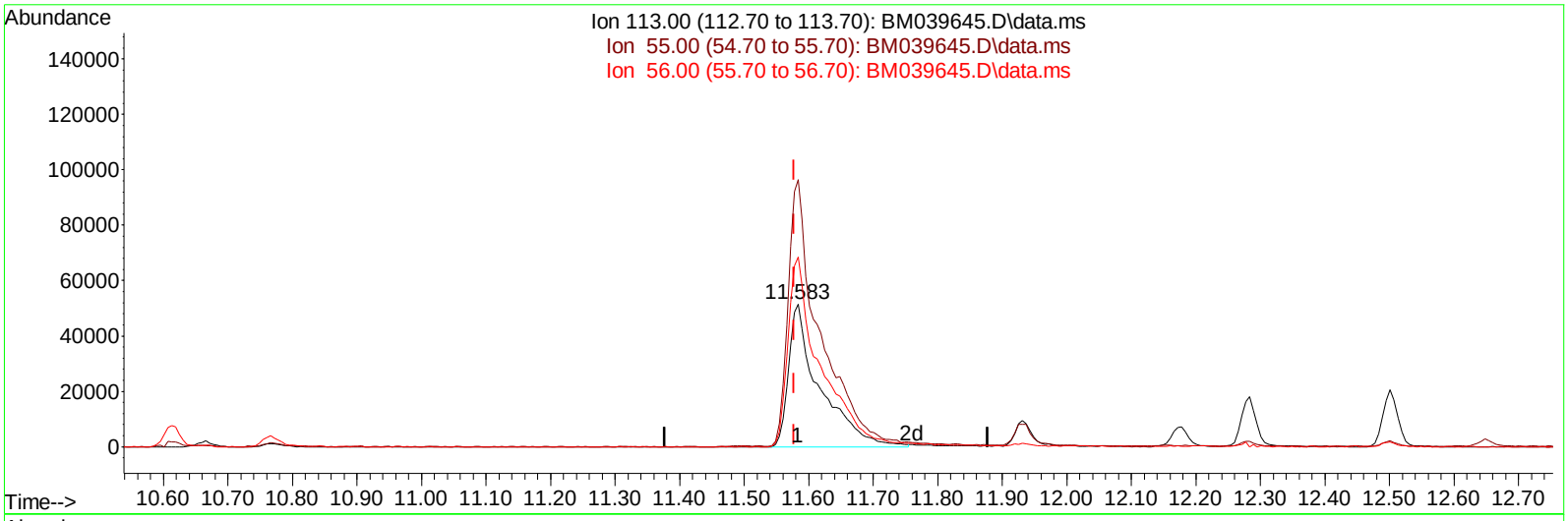

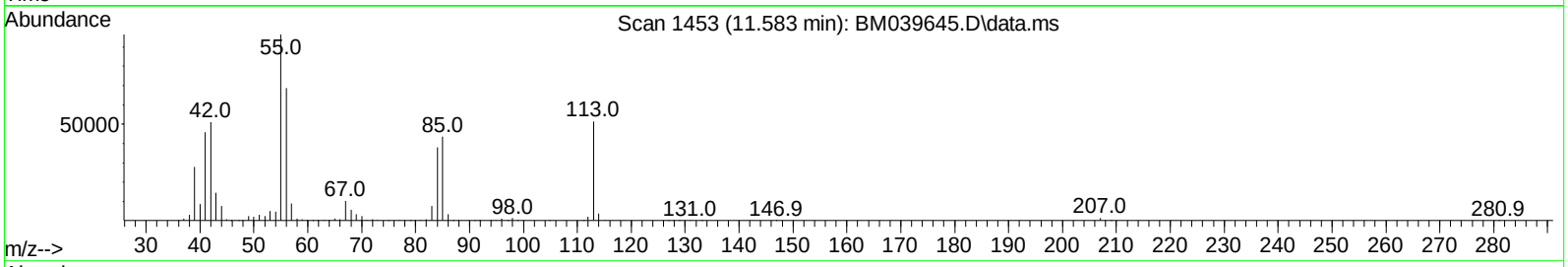

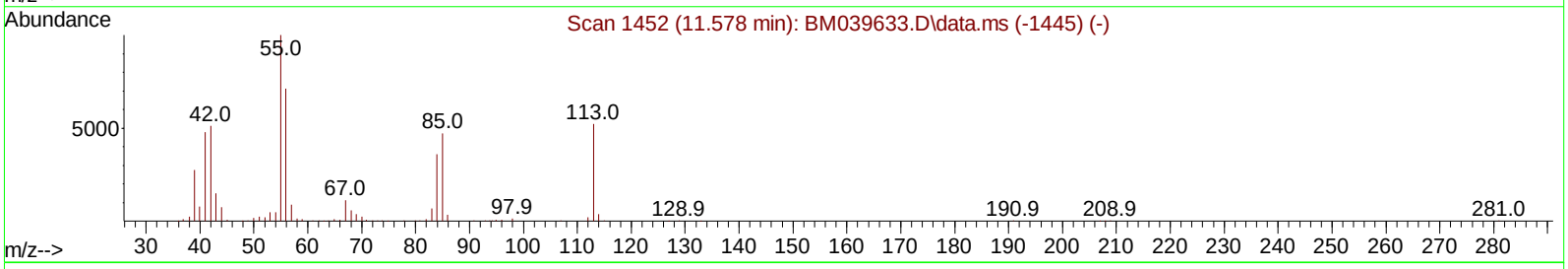

TIC: BM039645.D\data.ms

(34) Caprolactam

11.583min (+ 0.006) 30.24 ng/ul m

response 172507

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	187.15
56.00	129.90	133.14
0.00	0.00	0.00

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Acq On : 25 Apr 2023 17:53
Operator : CG/JU
Sample : PB152369BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 25 23:25:40 2023
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Quant Title : SVOA CALIBRATION
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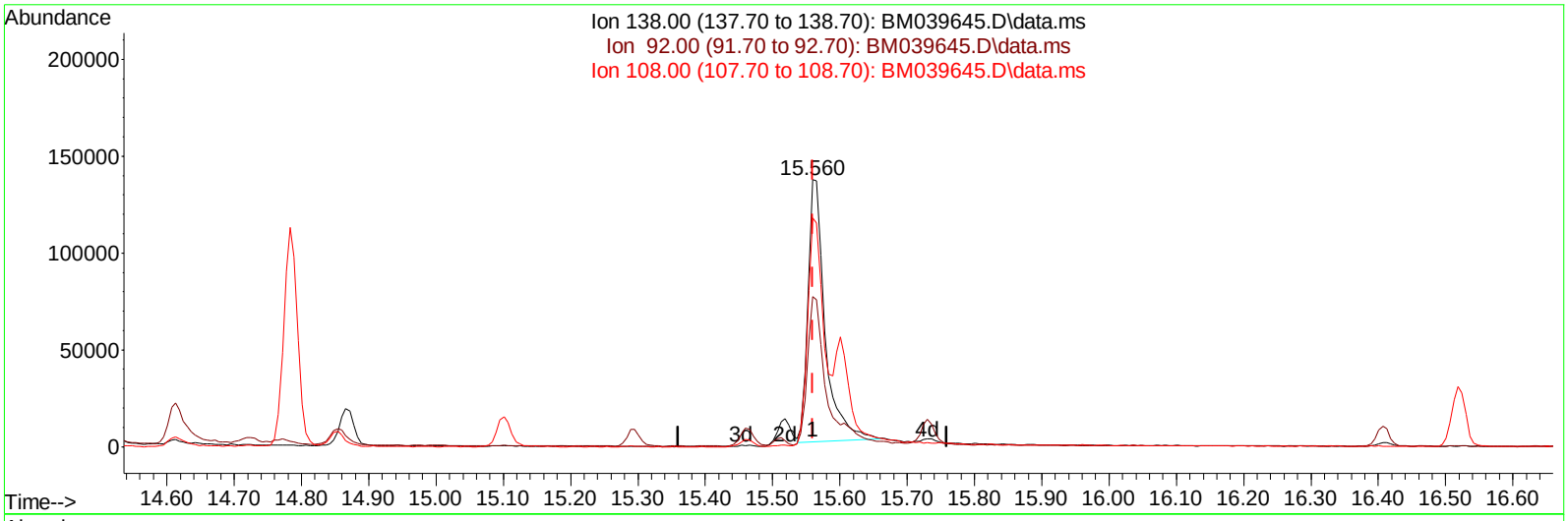

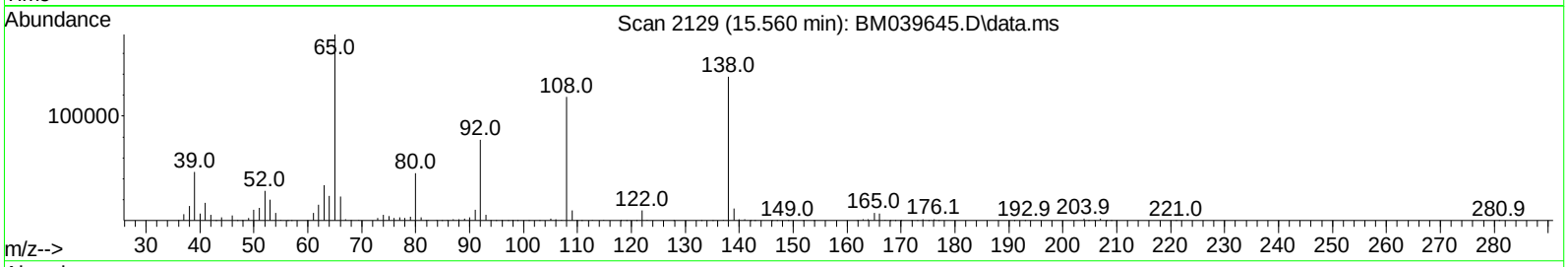

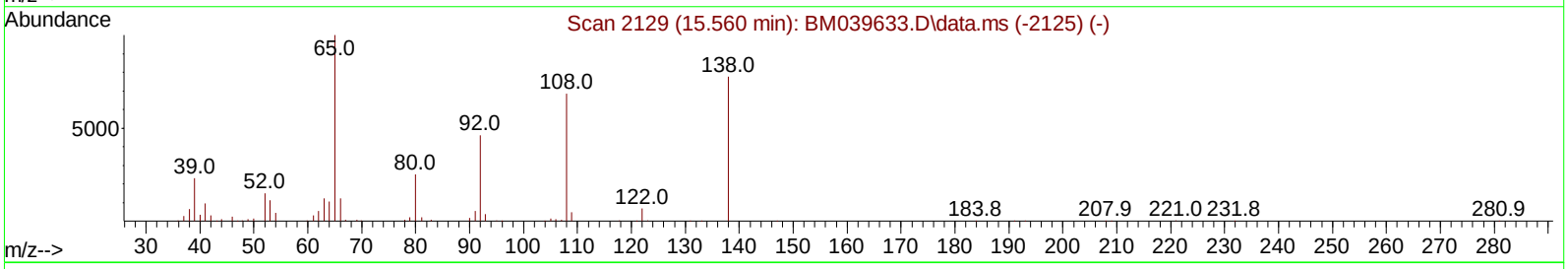

TIC: BM039645.D\data.ms

(63) 4-Nitroaniline

15.560min (+ 0.000) 33.78 ng/ul

response 241087

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	55.10	56.36
108.00	80.80	85.80
0.00	0.00	0.00

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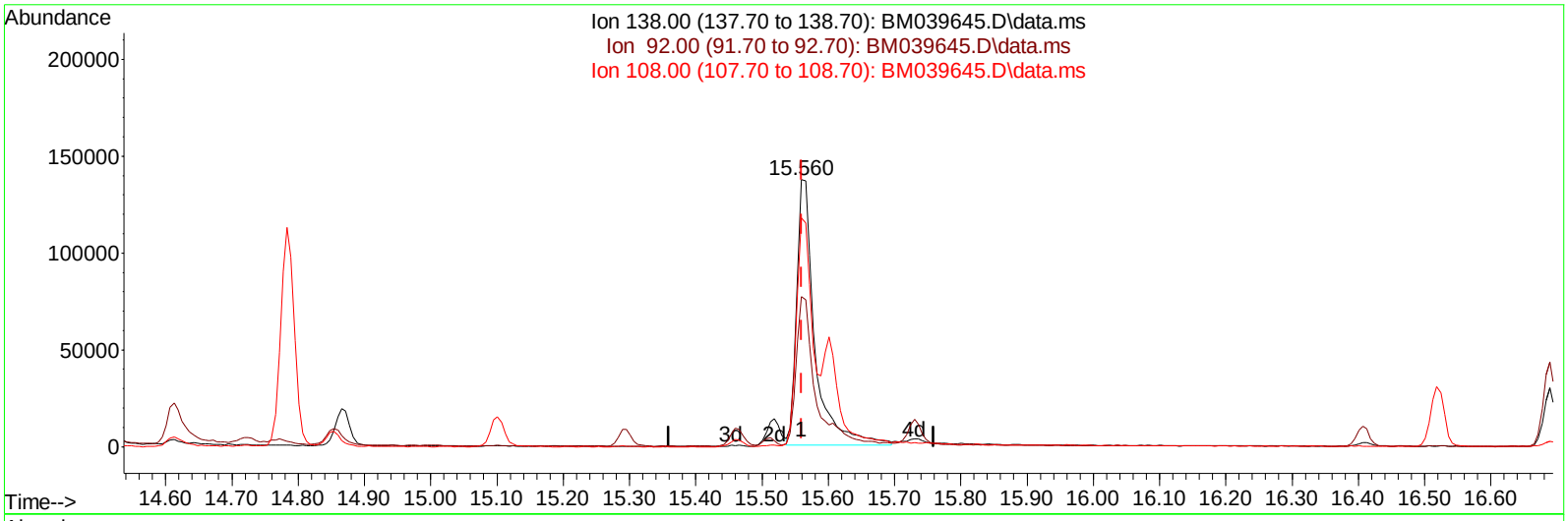

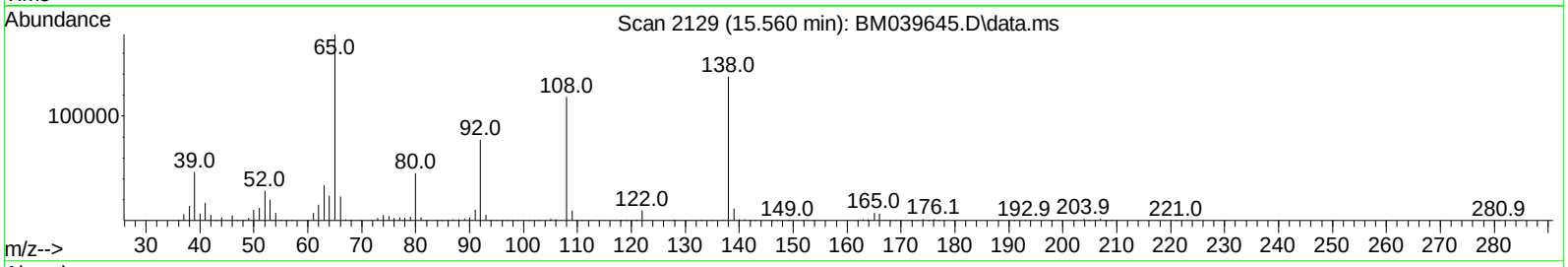

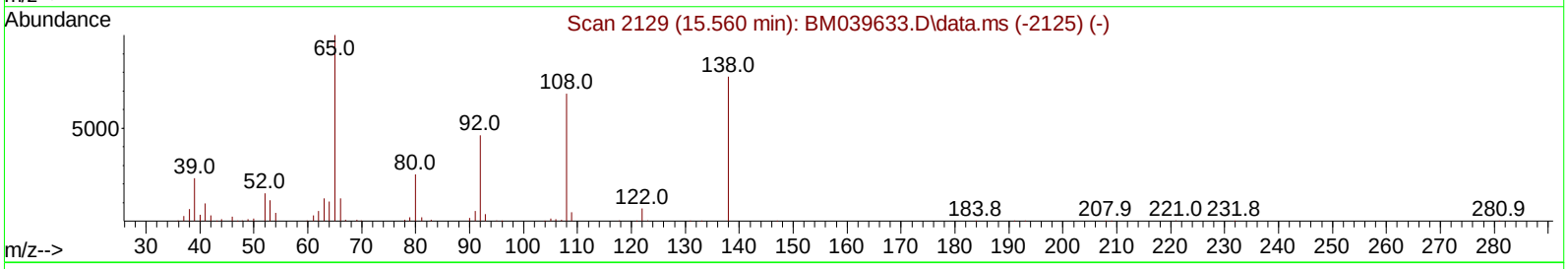

TIC: BM039645.D\data.ms

(63) 4-Nitroaniline

15.560min (+ 0.000) 36.79 ng/ul m

response 262556

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	55.10	56.36
108.00	80.80	85.80
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	7.807	152	217198	20.000	ng/ul	0.00
20) Naphthalene-d8	10.613	136	1000364	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.466	164	614822	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.218	188	1282255	20.000	ng/ul	0.00
79) Chrysene-d12	21.418	240	1142959	20.000	ng/ul	0.00
88) Perylene-d12	23.777	264	1058832	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	31331	5.537	ng/uL	0.00
4) Pyridine-d5	3.625	84	418549	26.325	ng/ul	0.00
7) Phenol-d5	6.990	99	630451	31.714	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.143	67	427591	32.543	ng/ul	0.00
11) 2-Chlorophenol-d4	7.343	132	488294	31.313	ng/ul	0.00
15) 4-Methylphenol-d8	8.537	113	498414	31.125	ng/ul	0.00
21) Nitrobenzene-d5	8.984	128	240371	29.867	ng/ul	0.00
24) 2-Nitrophenol-d4	9.701	143	274879	30.416	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.248	165	483385	31.086	ng/ul	0.00
31) 4-Chloroaniline-d4	10.766	131	537972	23.164	ng/ul	0.00
46) Dimethylphthalate-d6	13.883	166	1474130	29.730	ng/ul	0.00
49) Acenaphthylene-d8	14.160	160	1718149	30.844	ng/ul	0.00
54) 4-Nitrophenol-d4	14.707	143	202255	26.952	ng/ul	0.00
60) Fluorene-d10	15.460	176	1236350	30.434	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.601	200	252771	29.665	ng/ul	0.00
73) Anthracene-d10	17.318	188	1919172	31.122	ng/ul	0.00
81) Pyrene-d10	19.618	212	2225731	29.306	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.624	264	1840337	32.193	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	69539	11.230	ng/uL	92
5) Pyridine	3.649	79	491019	29.289	ng/ul	98
6) Benzaldehyde	6.954	77	311905	36.725	ng/ul	96
8) Phenol	7.019	94	685128	33.102	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.237	93	549827	31.862	ng/ul	97
12) 2-Chlorophenol	7.372	128	507736	32.358	ng/ul	96
13) 2-Methylphenol	8.266	108	511575	31.822	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.343	45	820625	34.238	ng/ul	97
16) Acetophenone	8.642	105	852671	32.418	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.625	70	475978	32.696	ng/ul	94
18) 4-Methylphenol	8.601	108	560039	32.267	ng/ul	98
19) Hexachloroethane	8.878	117	219089	30.742	ng/ul	94
22) Nitrobenzene	9.025	77	660213	33.224	ng/ul	94
23) Isophorone	9.548	82	1322250	31.204	ng/ul	98
25) 2-Nitrophenol	9.737	139	284574	30.180	ng/ul	92
26) 2,4-Dimethylphenol	9.801	107	596577	30.960	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.037	93	781944	31.381	ng/ul	100
29) 2,4-Dichlorophenol	10.272	162	488937	31.920	ng/ul	99
30) Naphthalene	10.666	128	1721668	31.106	ng/ul	99
32) 4-Chloroaniline	10.789	127	552989	24.165	ng/ul	99
33) Hexachlorobutadiene	10.942	225	303331	30.053	ng/ul	99
34) Caprolactam	11.583	113	172507m	30.242	ng/ul	
35) 4-Chloro-3-methylphenol	11.931	107	564898	31.586	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	1120729	30.205	ng/ul	100
37) 1-Methylnaphthalene	12.501	142	1158376	31.066	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.654	216	575609	31.190	ng/ul	99
40) Hexachlorocyclopentadiene	12.619	237	225858	20.541	ng/ul	98
41) 2,4,6-Trichlorophenol	12.901	196	383319	31.091	ng/ul	99
42) 2,4,5-Trichlorophenol	12.983	196	403383	31.480	ng/ul	99
43) 1,1'-Biphenyl	13.301	154	1489219	31.342	ng/ul	99
44) 2-Chloronaphthalene	13.342	162	1172346	31.453	ng/ul	99
45) 2-Nitroaniline	13.560	65	384181	35.718	ng/ul	92
47) Dimethylphthalate	13.930	163	1507116	30.699	ng/ul	100
48) 2,6-Dinitrotoluene	14.060	165	307834	31.004	ng/ul	97
50) Acenaphthylene	14.189	152	1899656	31.881	ng/ul	100
51) 3-Nitroaniline	14.395	138	279939	30.080	ng/ul	93
52) Acenaphthene	14.530	153	1297599	31.630	ng/ul	99
53) 2,4-Dinitrophenol	14.613	184	132396	25.050	ng/ul	95
55) 4-Nitrophenol	14.724	109	166263	29.169	ng/ul	91
56) Dibenzofuran	14.866	168	1783050	31.976	ng/ul	100
57) 2,4-Dinitrotoluene	14.854	165	448841	32.534	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.101	232	355648	31.008	ng/ul	97
59) Diethylphthalate	15.295	149	1568762	30.826	ng/ul	100
61) Fluorene	15.519	166	1491422	32.333	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.513	204	724313	31.681	ng/ul	99
63) 4-Nitroaniline	15.560	138	262556m	36.790	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.618	198	249959	30.512	ng/ul	94
67) N-Nitrosodiphenylamine	15.730	169	1215919	31.828	ng/ul	99
68) 4-Bromophenyl-phenylether	16.407	248	425767	30.743	ng/ul	99
69) Hexachlorobenzene	16.518	284	496057	31.179	ng/ul	95
70) Atrazine	16.689	200	311574	21.979	ng/ul	98
71) Pentachlorophenol	16.877	266	264963	28.488	ng/ul	97
72) Phenanthrene	17.265	178	2292560	32.205	ng/ul	99
74) Anthracene	17.354	178	2303111	32.250	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.260	216	585104	30.639	ng/uL	99
76) Pentachlorobenzene	14.783	250	590087	31.393	ng/uL	99
77) Carbazole	17.636	167	2028055	31.958	ng/ul	100
78) Di-n-butylphthalate	18.189	149	2729730	30.412	ng/ul	99
80) Fluoranthene	19.283	202	2658362	29.862	ng/ul	100
82) Pyrene	19.648	202	2775423	30.116	ng/ul	99
83) Butylbenzylphthalate	20.548	149	1229701	28.269	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.342	252	764974	30.182	ng/ul	99
85) Benzo(a)anthracene	21.400	228	2579520	31.203	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.324	149	1793035	27.717	ng/ul	100
87) Chrysene	21.453	228	2447887	31.043	ng/ul	100
89) Di-n-octyl phthalate	22.236	149	2955571	27.782	ng/ul	100
90) Benzo(b)fluoranthene	23.059	252	2343652	31.458	ng/ul	98
91) Benzo(k)fluoranthene	23.106	252	2381630	32.551	ng/ul	99
93) Benzo(a)pyrene	23.677	252	2018446	32.142	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.230	276	2269995	32.863	ng/ul	99
95) Dibenzo(a,h)anthracene	26.235	278	1913610	33.413	ng/ul	99
96) Benzo(g,h,i)perylene	26.977	276	1736271	31.554	ng/ul	100

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

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