Quantitation Report (Qedit)

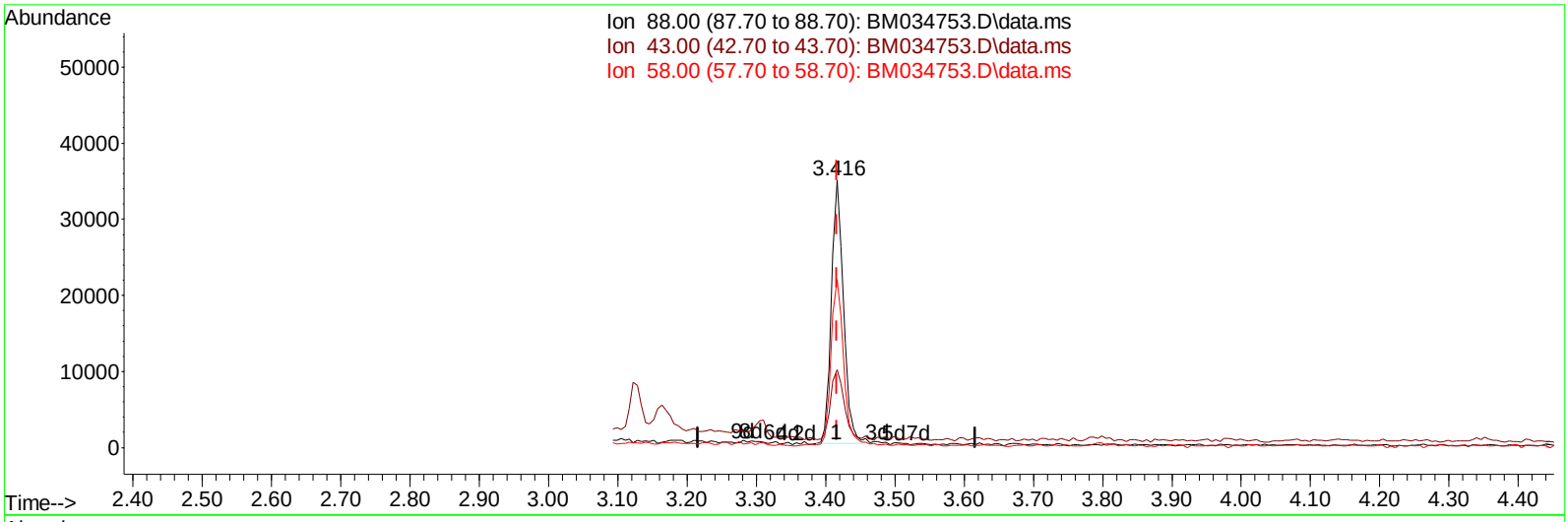
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034753.D
Acq On : 21 Apr 2022 18:42
Operator : CG/JU
Sample : PB144260BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

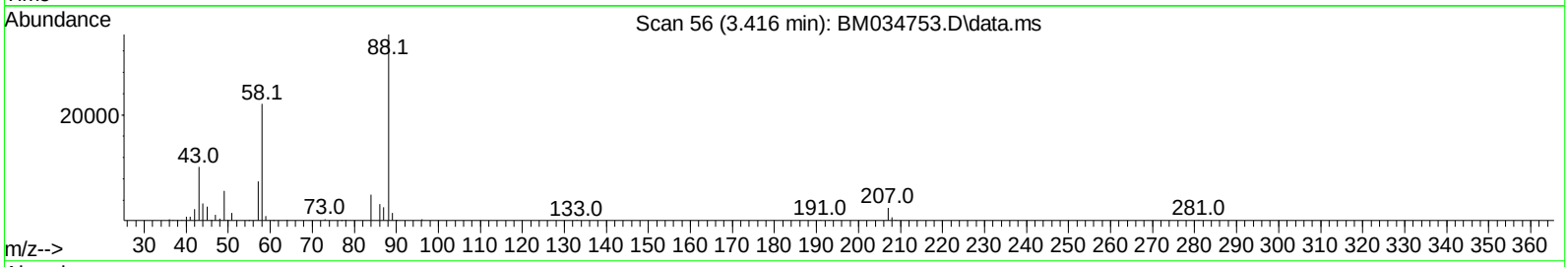
Quant Time: Apr 22 01:39:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 05:03:15 2022
Response via : Initial Calibration

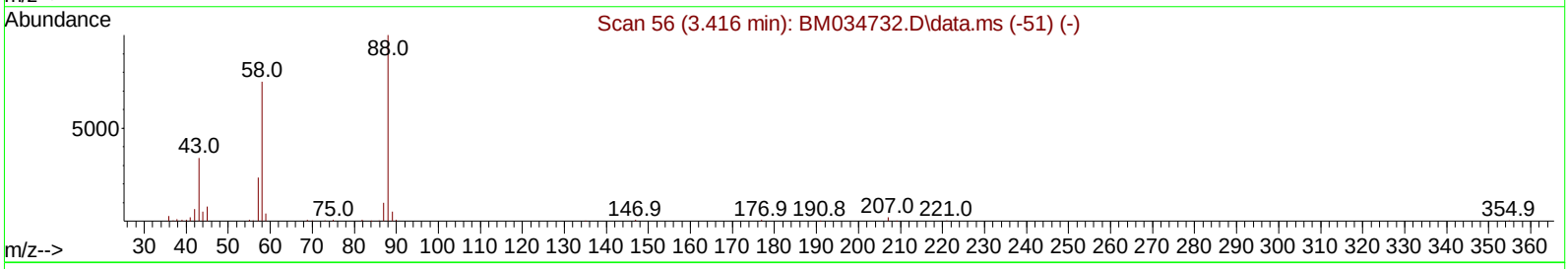
Instrument :
BNA_M
ClientSampleId :
SLCS260

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022







TIC: BM034753.D\data.ms

(2) 1,4-Dioxane

3.416min (+ 0.000) 10.90 ng/uL

response 41740

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	34.50	29.06
58.00	74.40	62.77
0.00	0.00	0.00

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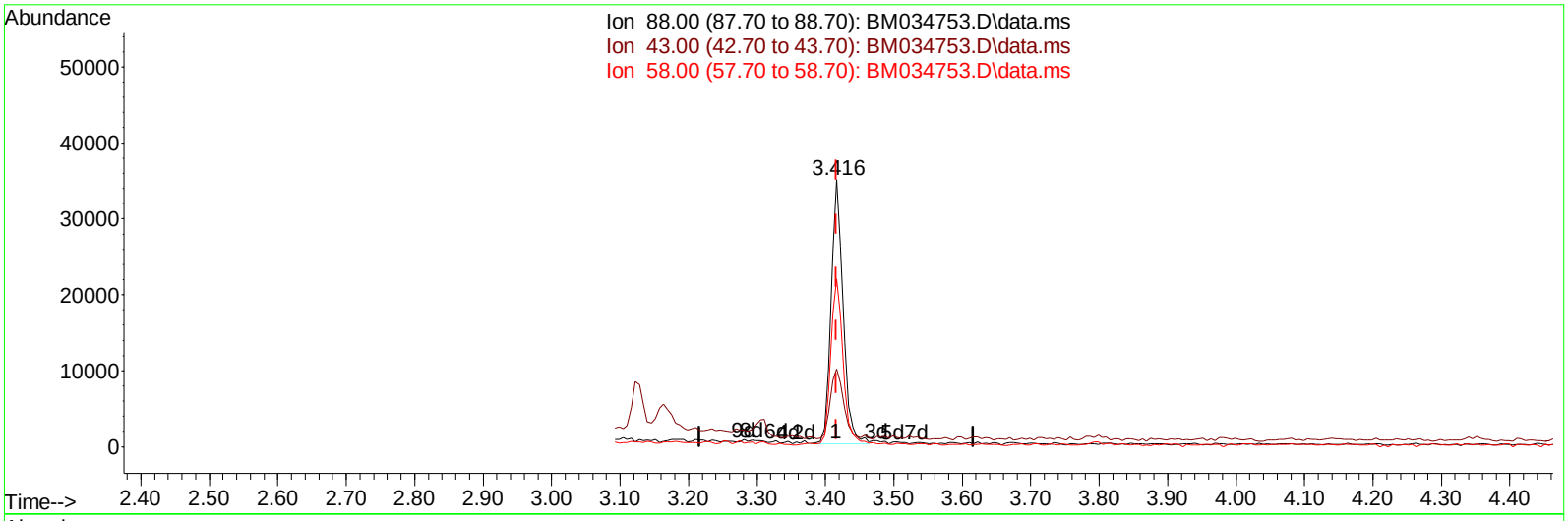

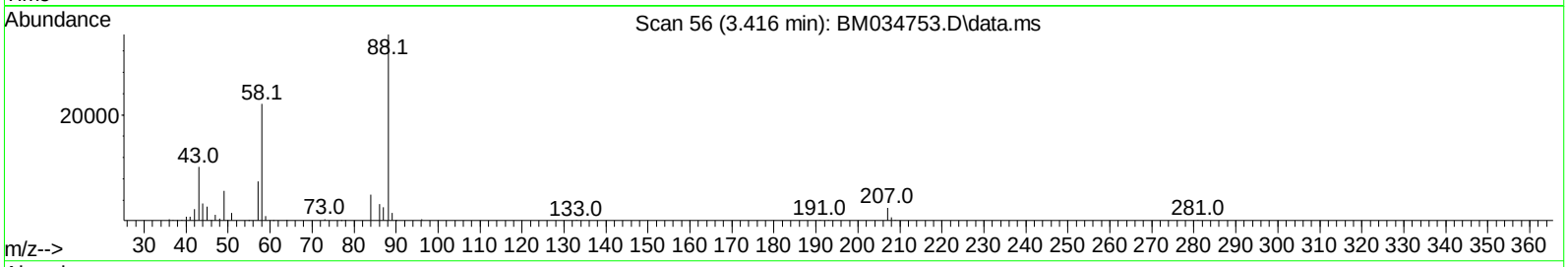

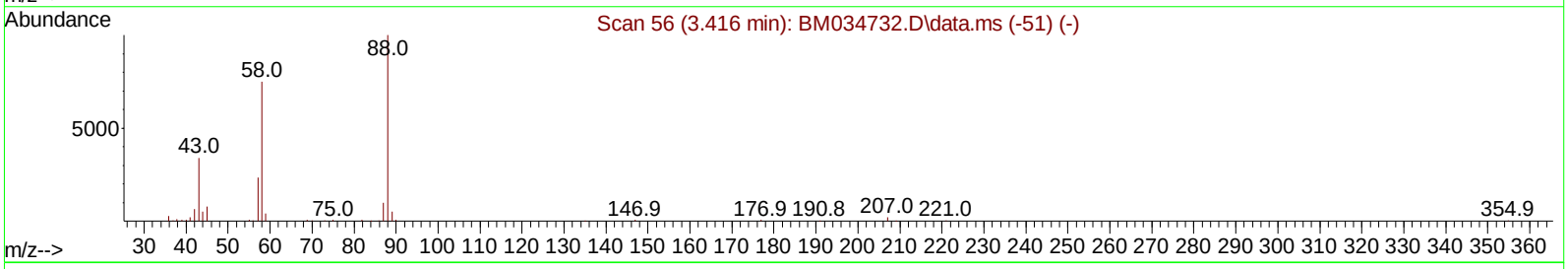

TIC: BM034753.D\data.ms

(2) 1,4-Dioxane

3.416min (+ 0.000) 11.16 ng/uL m

response 42746

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	34.50	29.06
58.00	74.40	62.77
0.00	0.00	0.00

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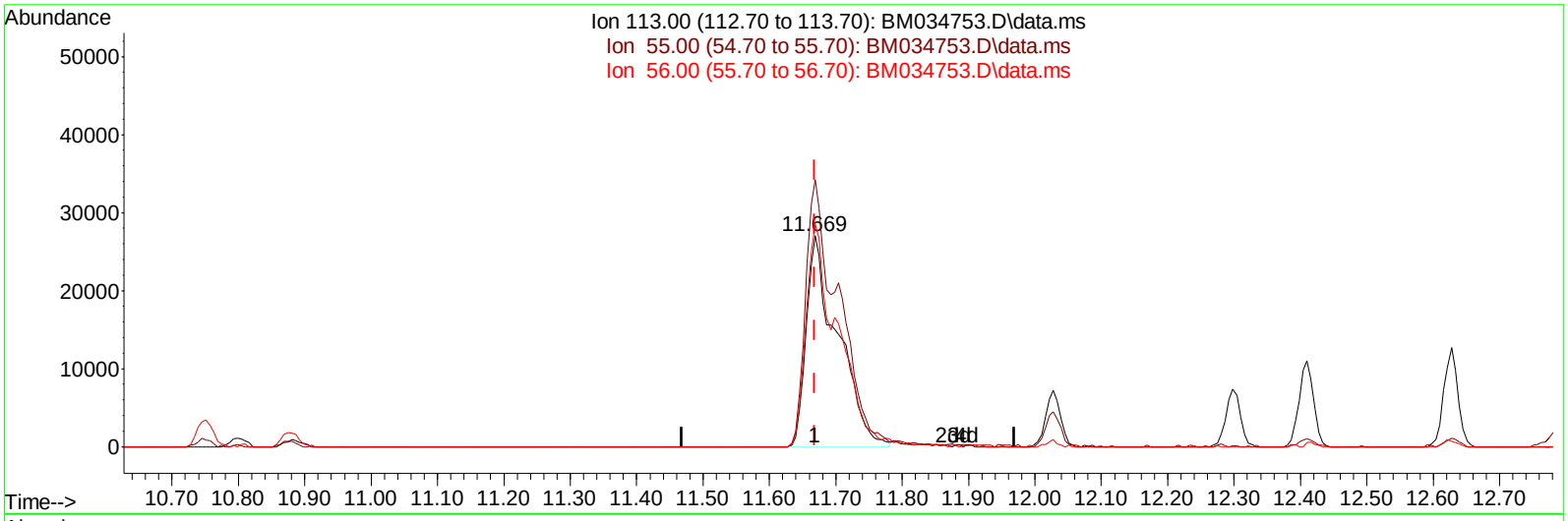

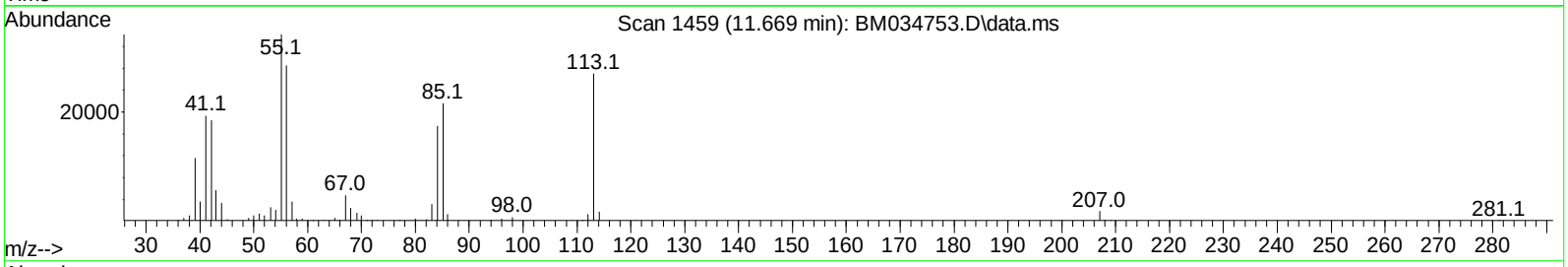

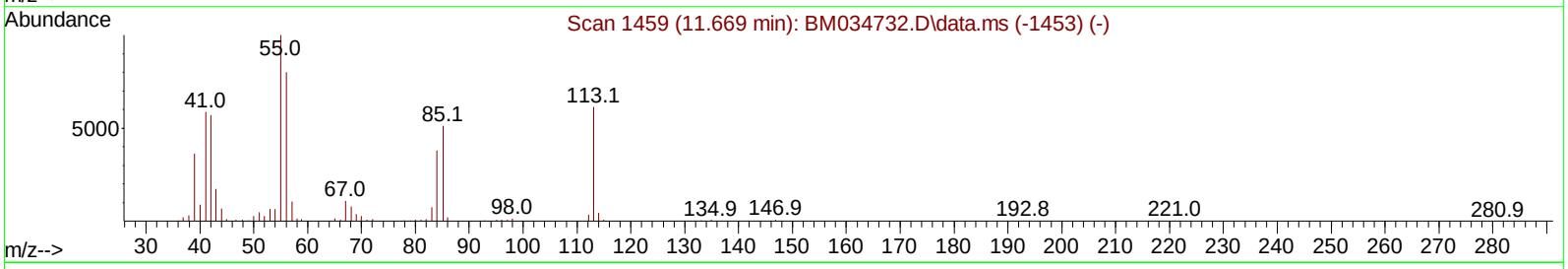

TIC: BM034753.D\data.ms

(34) Caprolactam

11.669min (+ 0.000) 35.09 ng/ul

response 88155

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	126.51#
56.00	130.40	105.47
0.00	0.00	0.00

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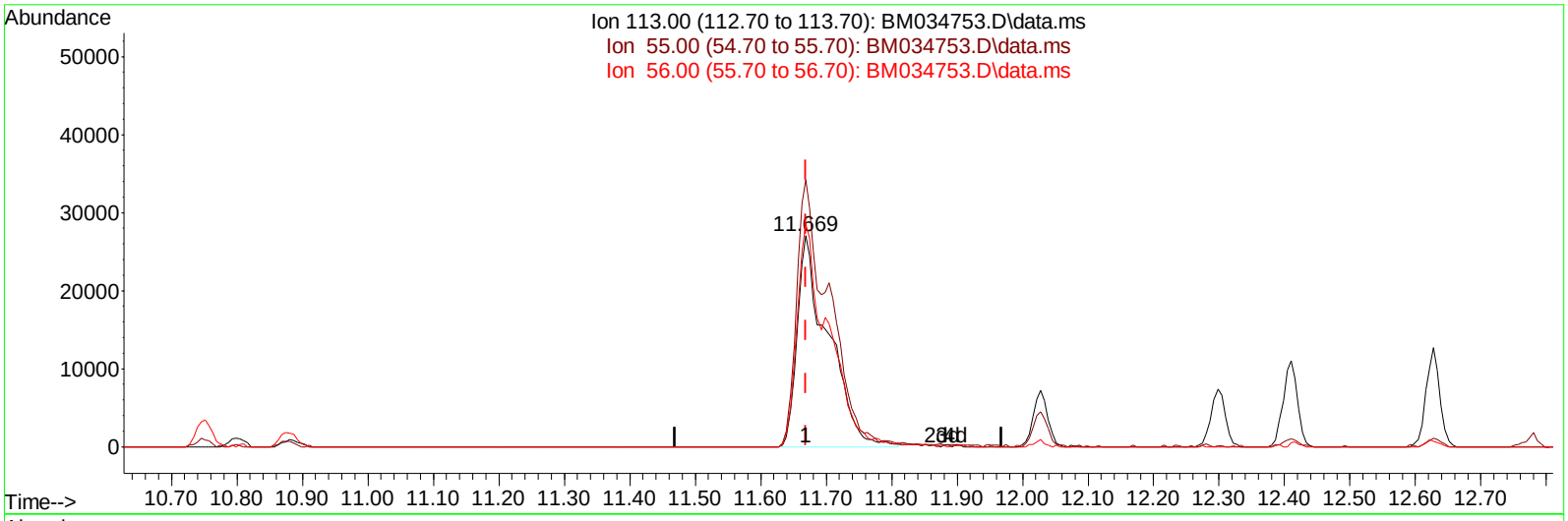

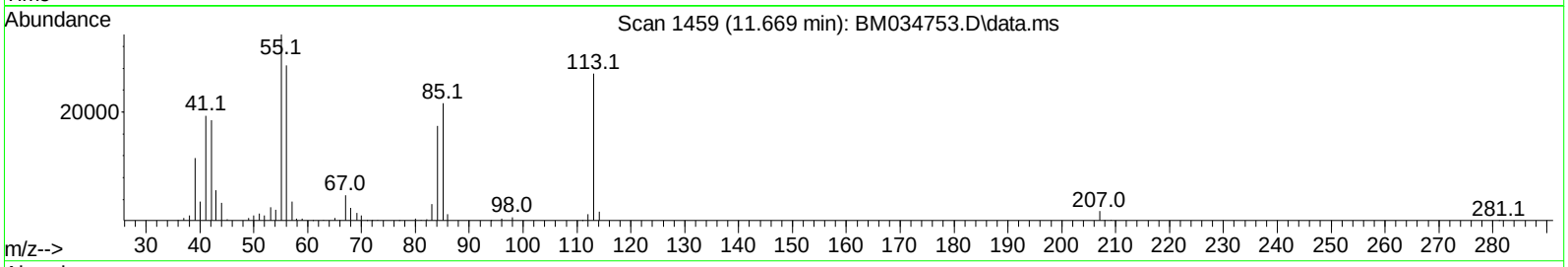

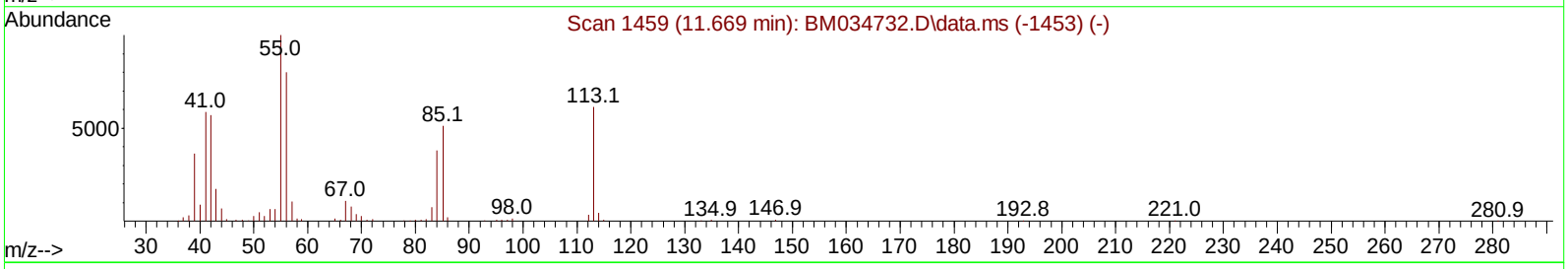

TIC: BM034753.D\data.ms

(34) Caprolactam

11.669min (+ 0.000) 35.42 ng/ul m

response 88985

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	126.51#
56.00	130.40	105.47
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	7.945	152	172163	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	646653	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.574	164	426632	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.315	188	902841	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.492	240	990077	20.000	ng/ul	# 0.00
88) Perylene-d12	23.892	264	1026774	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	21090	5.383	ng/uL	0.00
4) Pyridine-d5	3.793	84	263693	27.113	ng/ul	0.00
7) Phenol-d5	7.104	99	354700	27.278	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	193256	26.501	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	333725	30.324	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	311249	29.916	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	156115	33.049	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	176190	35.924	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	351158	33.990	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	385817	27.619	ng/ul	0.00
46) Dimethylphthalate-d6	13.986	166	1041453	33.532	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	1206574	30.207	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	172568	33.098	ng/ul	0.00
60) Fluorene-d10	15.569	176	887698	33.031	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	177211	34.212	ng/ul	0.00
73) Anthracene-d10	17.415	188	1386944	31.548	ng/ul	0.00
81) Pyrene-d10	19.704	212	1647784	30.580	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.739	264	1734981	33.410	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	42746m	11.163	ng/uL	
5) Pyridine	3.810	79	285545	27.989	ng/ul	89
6) Benzaldehyde	7.081	77	218015	31.728	ng/ul	93
8) Phenol	7.134	94	377327	29.487	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.369	93	289299	29.291	ng/ul	92
12) 2-Chlorophenol	7.510	128	347850	31.227	ng/ul	93
13) 2-Methylphenol	8.387	108	292065	30.103	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.481	45	307967	23.173	ng/ul#	90
16) Acetophenone	8.769	105	477141	29.934	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.757	70	215453	28.179	ng/ul	90
18) 4-Methylphenol	8.716	108	315907	30.097	ng/ul	100
19) Hexachloroethane	9.034	117	140760	30.160	ng/ul#	74
22) Nitrobenzene	9.145	77	322931	30.281	ng/ul	92
23) Isophorone	9.681	82	598674	30.617	ng/ul	95
25) 2-Nitrophenol	9.857	139	192986	35.835	ng/ul	95
26) 2,4-Dimethylphenol	9.922	107	354171	31.248	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.163	93	374046	30.517	ng/ul	98
29) 2,4-Dichlorophenol	10.392	162	360492	35.772	ng/ul	97
30) Naphthalene	10.798	128	1070892	32.408	ng/ul	99
32) 4-Chloroaniline	10.904	127	394214	28.428	ng/ul	99
33) Hexachlorobutadiene	11.098	225	280123	38.471	ng/ul	98
34) Caprolactam	11.669	113	88985m	35.418	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	327925	34.342	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	756206	33.021	ng/ul	98
37) 1-Methylnaphthalene	12.628	142	765413	33.214	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.775	216	502633	37.000	ng/ul#	95
40) Hexachlorocyclopentadiene	12.763	237	321822	32.723	ng/ul	98
41) 2,4,6-Trichlorophenol	13.010	196	303146	37.100	ng/ul	99
42) 2,4,5-Trichlorophenol	13.080	196	334651	38.281	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	1050824	31.866	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	826846	32.195	ng/ul	98
45) 2-Nitroaniline	13.651	65	172834	31.215	ng/ul#	85
47) Dimethylphthalate	14.033	163	1036234	34.079	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	212075	38.695	ng/ul	92
50) Acenaphthylene	14.298	152	1304417	32.747	ng/ul	99
51) 3-Nitroaniline	14.469	138	179624	36.898	ng/ul	95
52) Acenaphthene	14.639	153	851451	32.435	ng/ul	100
53) 2,4-Dinitrophenol	14.674	184	117514	36.796	ng/ul#	80
55) 4-Nitrophenol	14.774	109	134788	32.576	ng/ul	91
56) Dibenzofuran	14.974	168	1248628	33.433	ng/ul	95
57) 2,4-Dinitrotoluene	14.927	165	303398	39.416	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.198	232	292295	42.031	ng/ul#	83
59) Diethylphthalate	15.404	149	989225	33.186	ng/ul	96
61) Fluorene	15.621	166	1021948	33.995	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.621	204	567626	36.714	ng/ul#	89
63) 4-Nitroaniline	15.633	138	195505	45.778	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.692	198	186131	35.824	ng/ul#	83
67) N-Nitrosodiphenylamine	15.827	169	872139	31.405	ng/ul	99
68) 4-Bromophenyl-phenylether	16.510	248	360669	36.337	ng/ul	92
69) Hexachlorobenzene	16.627	284	426316	37.589	ng/ul#	89
70) Atrazine	16.780	200	342841	33.567	ng/ul	96
71) Pentachlorophenol	16.968	266	265605	36.066	ng/ul	98
72) Phenanthrene	17.357	178	1635023	32.934	ng/ul	99
74) Anthracene	17.451	178	1650249	32.691	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.380	216	525785	34.589	ng/uL	98
76) Pentachlorobenzene	14.898	250	502152	35.837	ng/uL	100
77) Carbazole	17.715	167	1398765	31.710	ng/ul	99
78) Di-n-butylphthalate	18.292	149	1550657	30.797	ng/ul	99
80) Fluoranthene	19.374	202	1960736	31.121	ng/ul#	94
82) Pyrene	19.733	202	2014028	31.039	ng/ul#	92
83) Butylbenzylphthalate	20.639	149	667745	29.362	ng/ul#	87
84) 3,3'-Dichlorobenzidine	21.409	252	648868	31.945	ng/ul#	99
85) Benzo(a)anthracene	21.480	228	2059713	33.458	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	1027285	28.491	ng/ul#	95
87) Chrysene	21.533	228	2009866	33.204	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	1698342	29.179	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	2166219	34.517	ng/ul#	98
91) Benzo(k)fluoranthene	23.209	252	2109052	35.398	ng/ul#	97
93) Benzo(a)pyrene	23.786	252	2159386	34.324	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.385	276	2521238	33.207	ng/ul	98
95) Dibenzo(a,h)anthracene	26.403	278	2171496	33.076	ng/ul	99
96) Benzo(g,h,i)perylene	27.144	276	2111940	32.897	ng/ul	99

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

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