Quantitation Report (Qedit)

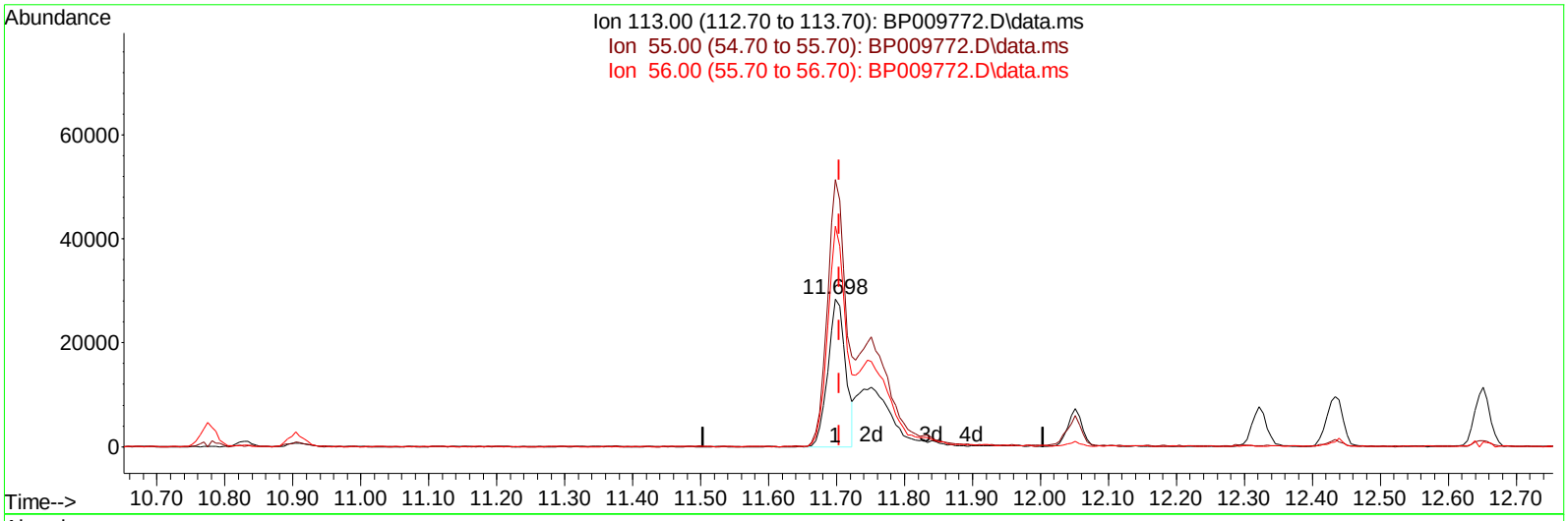
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041122\
Data File : BP009772.D
Acq On : 12 Apr 2022 03:12
Operator : CG/JU
Sample : PB144014BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

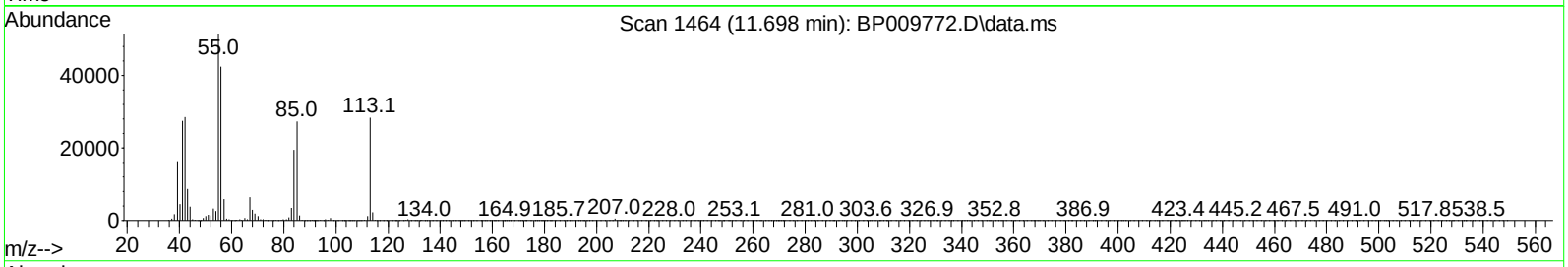
Quant Time: Apr 12 03:49:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 07 19:16:52 2022
Response via : Initial Calibration

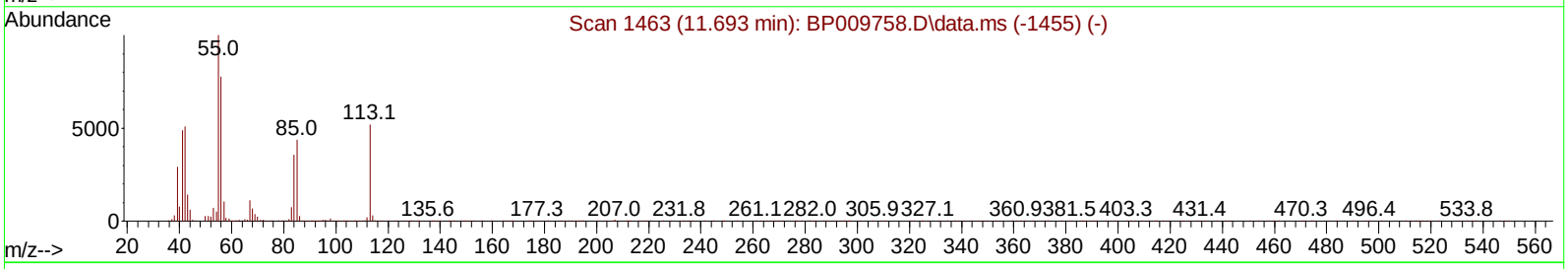
Instrument :
BNA_P
ClientSampleId :
SLCS014

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/13/2022







TIC: BP009772.D\data.ms

(34) Caprolactam

11.698min (-0.006) 18.07 ng/ul

response 51287

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	180.84#
56.00	85.80	149.51#
0.00	0.00	0.00

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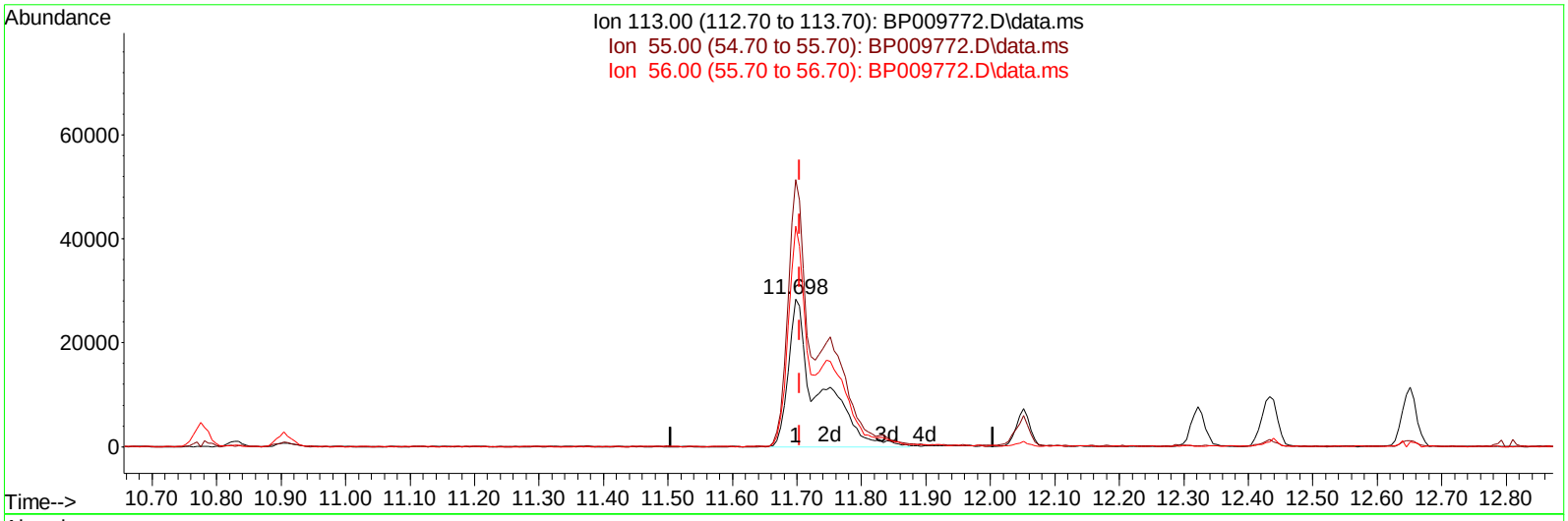

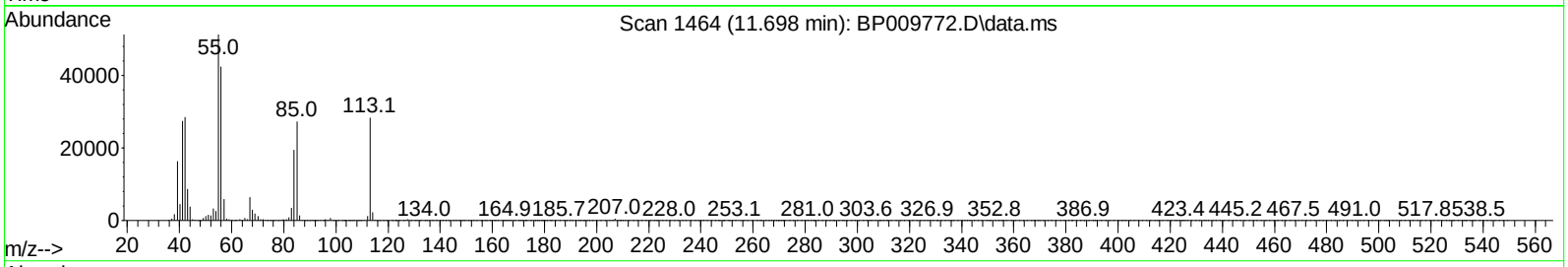

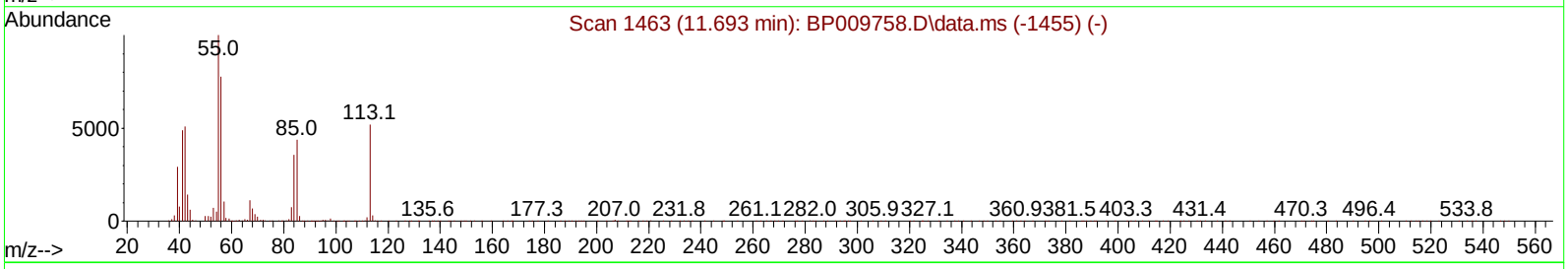

TIC: BP009772.D\data.ms

(34) Caprolactam

11.698min (-0.006) 32.83 ng/ul m

response 93192

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	180.84#
56.00	85.80	149.51#
0.00	0.00	0.00

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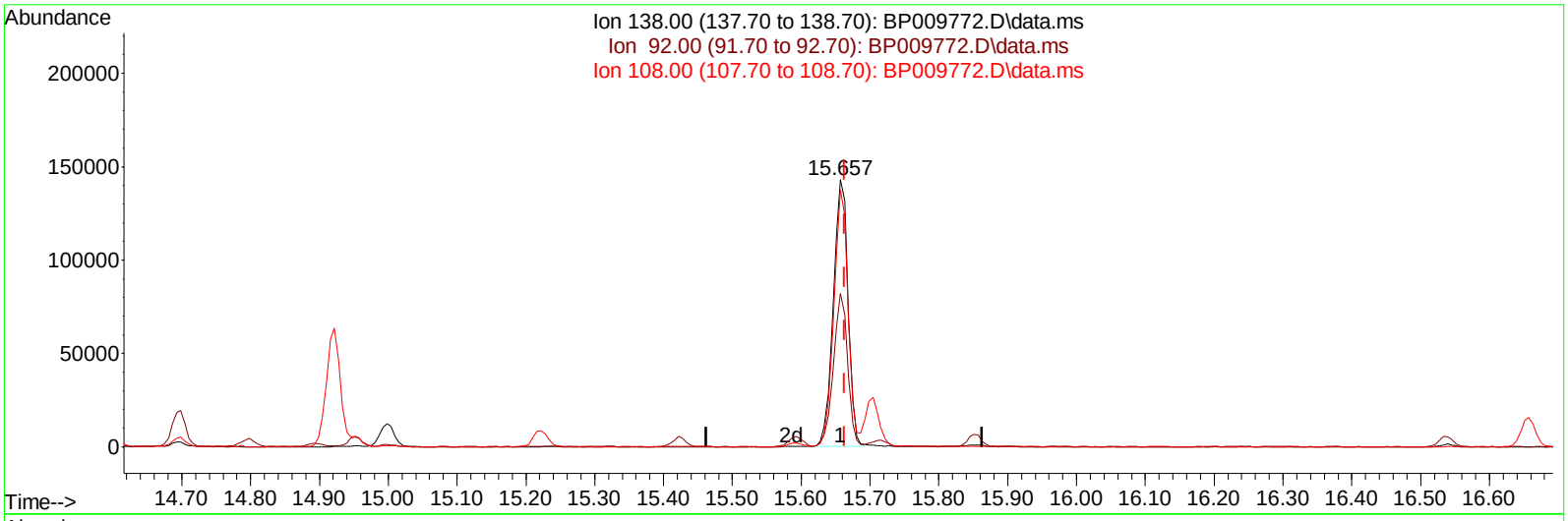

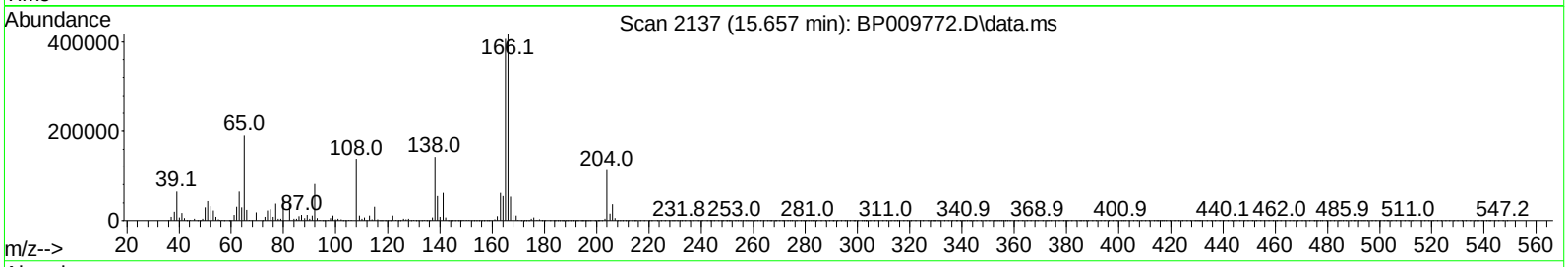

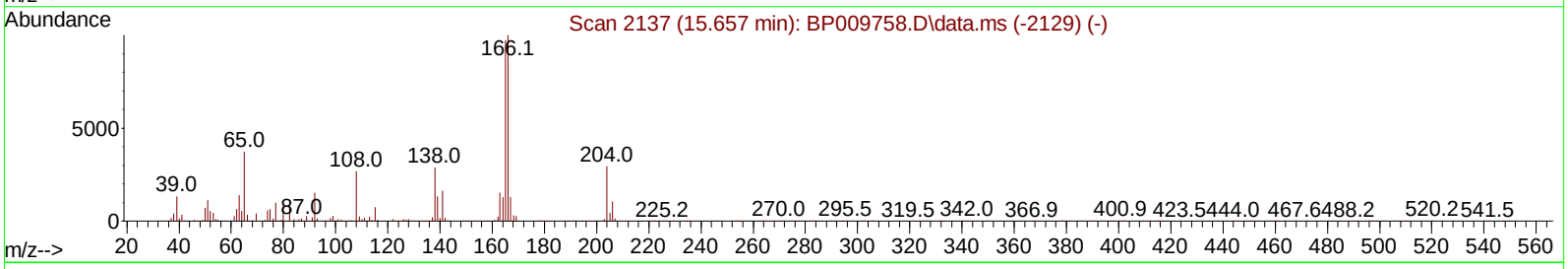

TIC: BP009772.D\data.ms

(63) 4-Nitroaniline

15.657min (-0.006) 38.26 ng/ul

response 210940

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	57.35
108.00	122.00	96.42#
0.00	0.00	0.00

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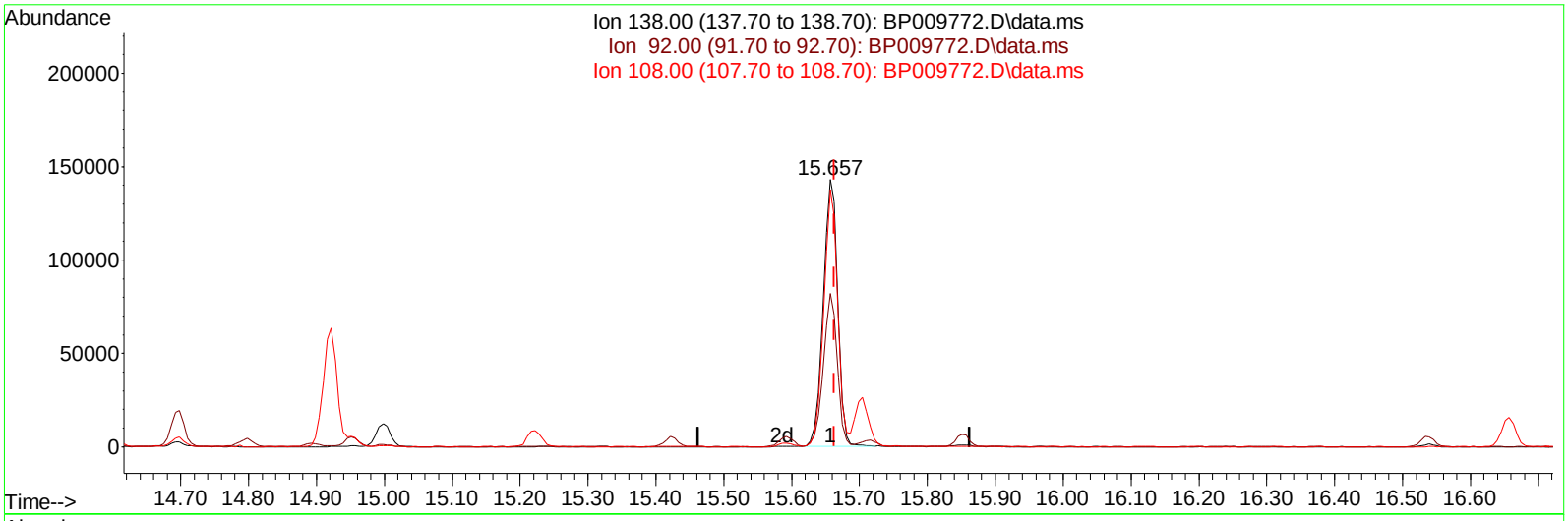

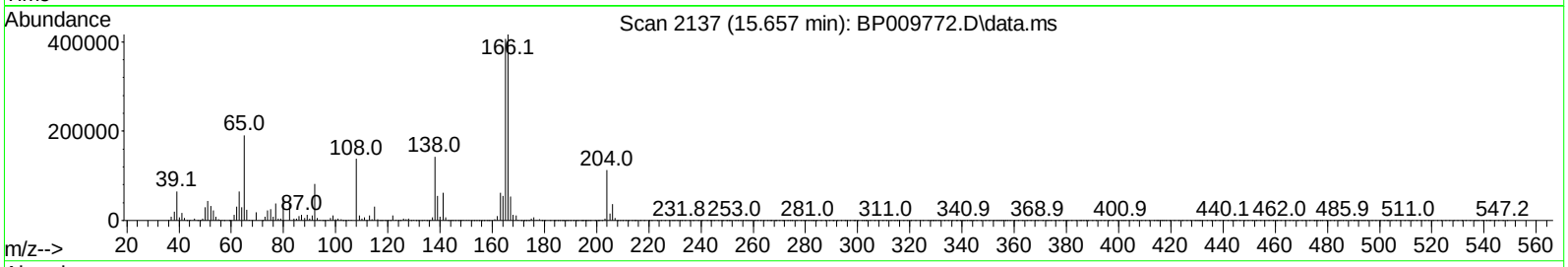

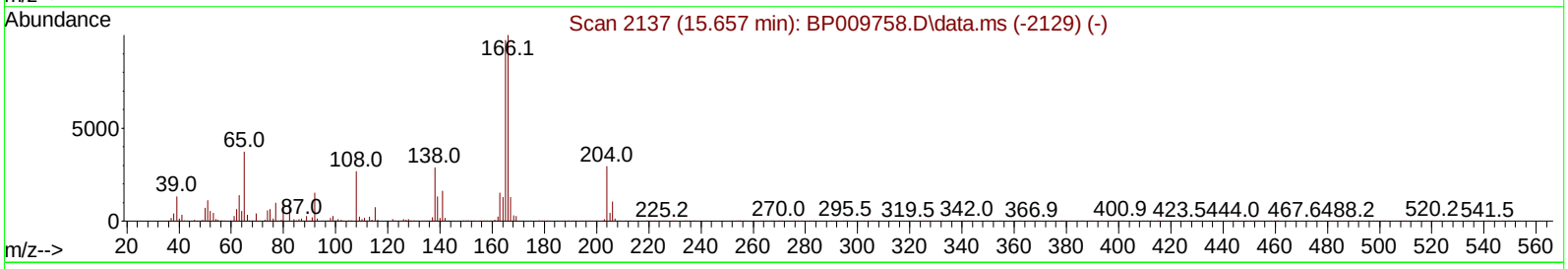

TIC: BP009772.D\data.ms

(63) 4-Nitroaniline

15.657min (-0.006) 38.46 ng/ul m

response 212056

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	57.35
108.00	122.00	96.42#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	121510	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.775	136	535170	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.598	164	380775	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.351	188	847878	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.433	240	940313	20.000	ng/ul	#-0.01
88) Perylene-d12	23.898	264	980289	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	14901	5.473	ng/uL	0.00
4) Pyridine-d5	3.799	84	210199	28.002	ng/ul	-0.01
7) Phenol-d5	7.122	99	303764	28.475	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	188551	29.689	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.499	132	238435	29.631	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	265190	29.779	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	125505	32.520	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.851	143	139843	33.051	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.393	165	264226	29.843	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.904	131	334921	26.559	ng/ul	-0.01
46) Dimethylphthalate-d6	14.010	166	910277	30.434	ng/ul	-0.01
49) Acenaphthylene-d8	14.292	160	1019503	28.771	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.787	143	173037	31.900	ng/ul	0.00
60) Fluorene-d10	15.592	176	776021	30.841	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.704	200	163455	32.542	ng/ul	0.00
73) Anthracene-d10	17.451	188	1258600	31.003	ng/ul	-0.01
81) Pyrene-d10	19.674	212	1550600	30.193	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.745	264	1605232	31.444	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	29246	10.537	ng/uL#	8
5) Pyridine	3.822	79	222465	28.404	ng/ul#	43
6) Benzaldehyde	7.099	77	210752	32.213	ng/ul	95
8) Phenol	7.152	94	326725	30.597	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.387	93	245053	29.461	ng/ul#	78
12) 2-Chlorophenol	7.528	128	246633	30.401	ng/ul	96
13) 2-Methylphenol	8.405	108	252091	30.275	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.499	45	372373	30.287	ng/ul#	85
16) Acetophenone	8.793	105	419227	29.879	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.781	70	219739	30.208	ng/ul#	73
18) 4-Methylphenol	8.740	108	275384	30.540	ng/ul	95
19) Hexachloroethane	9.057	117	102882	30.037	ng/ul	87
22) Nitrobenzene	9.169	77	320868	32.392	ng/ul#	86
23) Isophorone	9.704	82	620701	30.408	ng/ul	96
25) 2-Nitrophenol	9.887	139	151192	33.504	ng/ul#	84
26) 2,4-Dimethylphenol	9.946	107	329368	30.756	ng/ul#	81
27) Bis(2-Chloroethoxy)met...	10.181	93	356227	29.725	ng/ul#	98
29) 2,4-Dichlorophenol	10.416	162	267246	31.134	ng/ul#	84
30) Naphthalene	10.828	128	842359	30.605	ng/ul	97
32) 4-Chloroaniline	10.928	127	339581	27.212	ng/ul	98
33) Hexachlorobutadiene	11.122	225	186095	30.102	ng/ul	96
34) Caprolactam	11.698	113	93192m	32.829	ng/ul	
35) 4-Chloro-3-methylphenol	12.051	107	331928	31.914	ng/ul#	68

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.434	142	609930	30.333	ng/ul	90
37) 1-Methylnaphthalene	12.651	142	621544	30.613	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.798	216	359960	30.898	ng/ul#	94
40) Hexachlorocyclopentadiene	12.787	237	216799	26.817	ng/ul	95
41) 2,4,6-Trichlorophenol	13.034	196	238753	32.091	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.104	196	265846	33.065	ng/ul#	88
43) 1,1'-Biphenyl	13.440	154	858972	30.917	ng/ul	93
44) 2-Chloronaphthalene	13.475	162	669366	31.343	ng/ul	94
45) 2-Nitroaniline	13.675	65	230904	36.894	ng/ul#	80
47) Dimethylphthalate	14.057	163	903615	31.389	ng/ul#	92
48) 2,6-Dinitrotoluene	14.169	165	187663	35.440	ng/ul	96
50) Acenaphthylene	14.322	152	1099332	31.436	ng/ul	95
51) 3-Nitroaniline	14.492	138	181545	32.979	ng/ul#	82
52) Acenaphthene	14.663	153	715277	31.240	ng/ul	97
53) 2,4-Dinitrophenol	14.698	184	103645	32.382	ng/ul#	79
55) 4-Nitrophenol	14.798	109	169666	33.978	ng/ul#	52
56) Dibenzofuran	14.998	168	1050401	31.171	ng/ul	96
57) 2,4-Dinitrotoluene	14.951	165	282266	36.302	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.222	232	239062	32.611	ng/ul#	85
59) Diethylphthalate	15.422	149	928198	31.155	ng/ul#	92
61) Fluorene	15.651	166	869872	31.340	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.645	204	460232	31.184	ng/ul	96
63) 4-Nitroaniline	15.657	138	212056m	38.460	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.716	198	160913	32.230	ng/ul#	87
67) N-Nitrosodiphenylamine	15.851	169	767063	31.604	ng/ul	95
68) 4-Bromophenyl-phenylether	16.539	248	283302	30.868	ng/ul	96
69) Hexachlorobenzene	16.657	284	328112	31.090	ng/ul#	90
70) Atrazine	16.810	200	310078	30.951	ng/ul#	89
71) Pentachlorophenol	16.998	266	225640	31.587	ng/ul#	83
72) Phenanthrene	17.392	178	1466314	32.399	ng/ul	99
74) Anthracene	17.486	178	1470435	32.046	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	384286	31.349	ng/uL#	85
76) Pentachlorobenzene	14.922	250	374357	31.331	ng/uL	90
77) Carbazole	17.751	167	1339440	32.301	ng/ul#	95
78) Di-n-butylphthalate	18.304	149	1640584	32.173	ng/ul#	93
80) Fluoranthene	19.351	202	1848077	31.264	ng/ul	96
82) Pyrene	19.704	202	1868538	31.178	ng/ul#	93
83) Butylbenzylphthalate	20.574	149	778141	31.650	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.339	252	645282	32.203	ng/ul#	98
85) Benzo(a)anthracene	21.416	228	1931530	32.402	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.345	149	1172043	31.693	ng/ul#	82
87) Chrysene	21.469	228	1856809	32.284	ng/ul	98
89) Di-n-octyl phthalate	22.292	149	2043813	29.758	ng/ul	100
90) Benzo(b)fluoranthene	23.145	252	2029157	31.155	ng/ul	99
91) Benzo(k)fluoranthene	23.198	252	1926426	32.414	ng/ul#	99
93) Benzo(a)pyrene	23.792	252	1968633	32.608	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.480	276	2205707	34.938	ng/ul	97
95) Dibenzo(a,h)anthracene	26.509	278	1918163	35.040	ng/ul#	97
96) Benzo(g,h,i)perylene	27.280	276	1820564	34.974	ng/ul	93

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

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