Quantitation Report (Qedit)

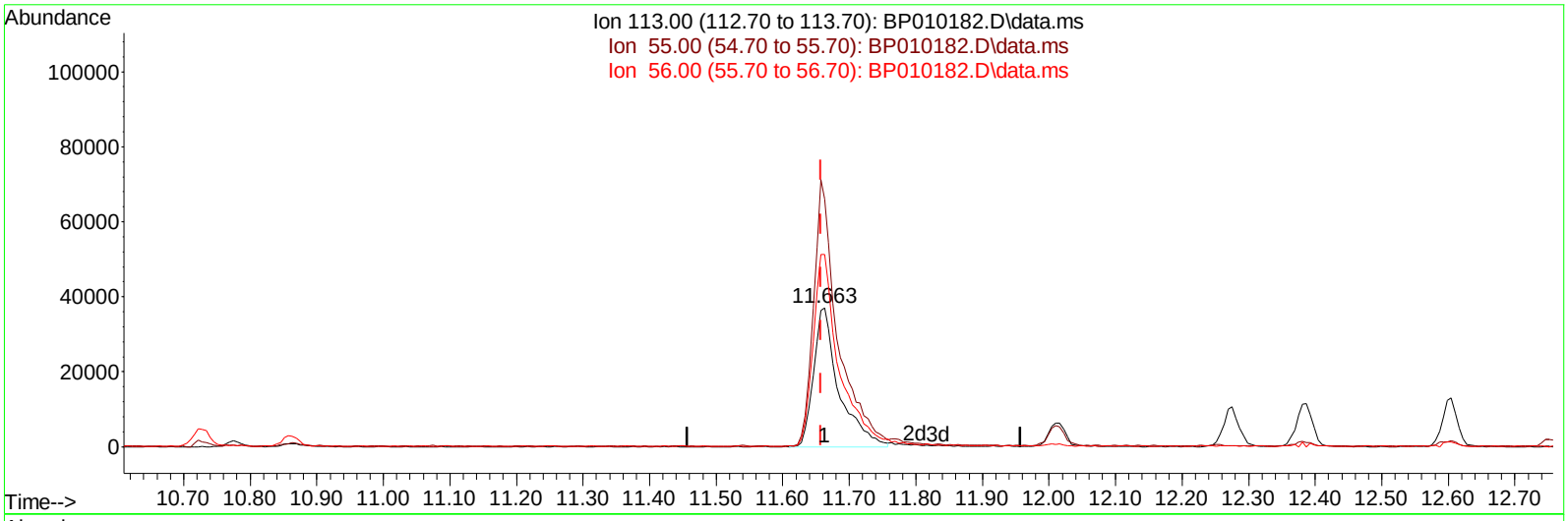
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
Data File : BP010182.D
Acq On : 02 May 2022 20:20
Operator : CG/JU
Sample : PB144495BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

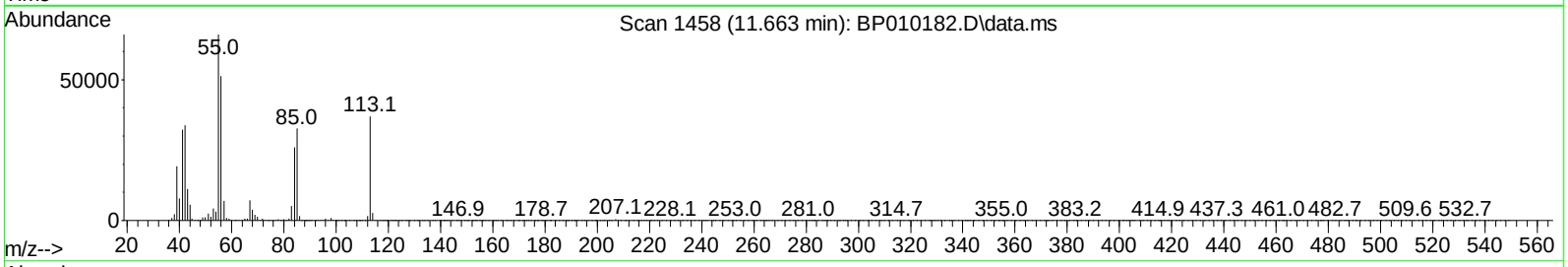
Quant Time: May 03 01:38:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 03 00:58:32 2022
Response via : Initial Calibration

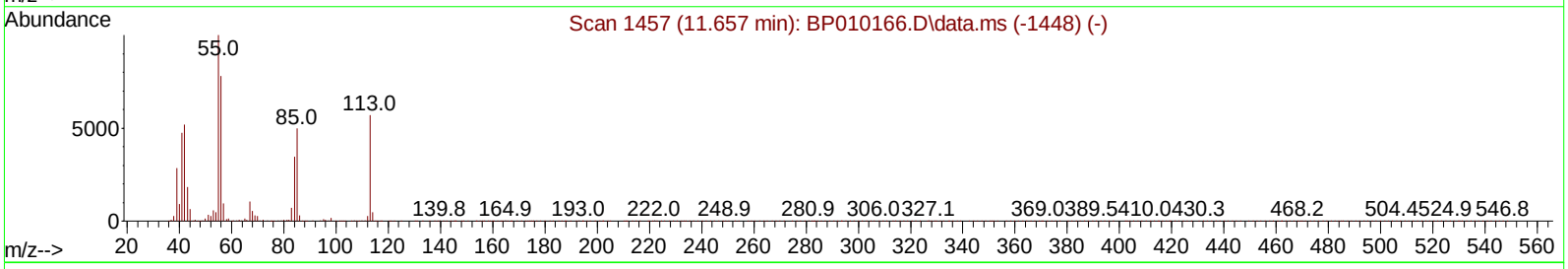
Instrument :
BNA_P
ClientSampleId :
SLCS495

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/03/2022
Supervised By :Yogesh Patel 05/05/2022







TIC: BP010182.D\data.ms

(34) Caprolactam

11.663min (+ 0.006) 24.97 ng/ul

response 97999

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	178.45#
56.00	85.80	138.66#
0.00	0.00	0.00

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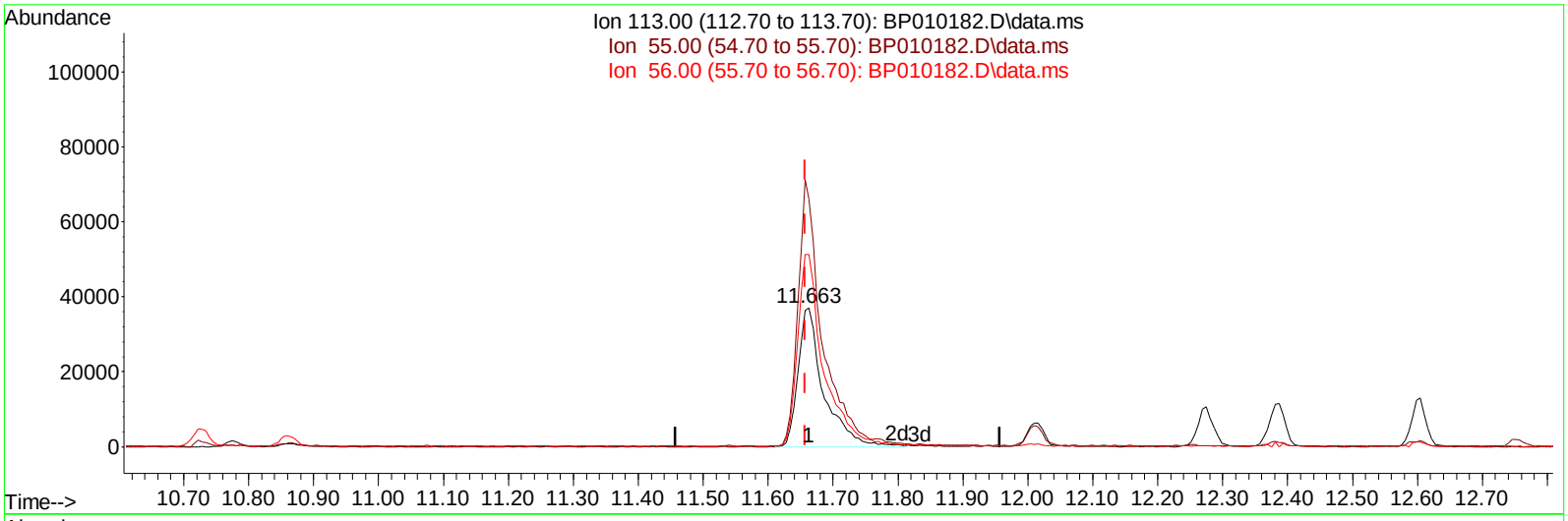

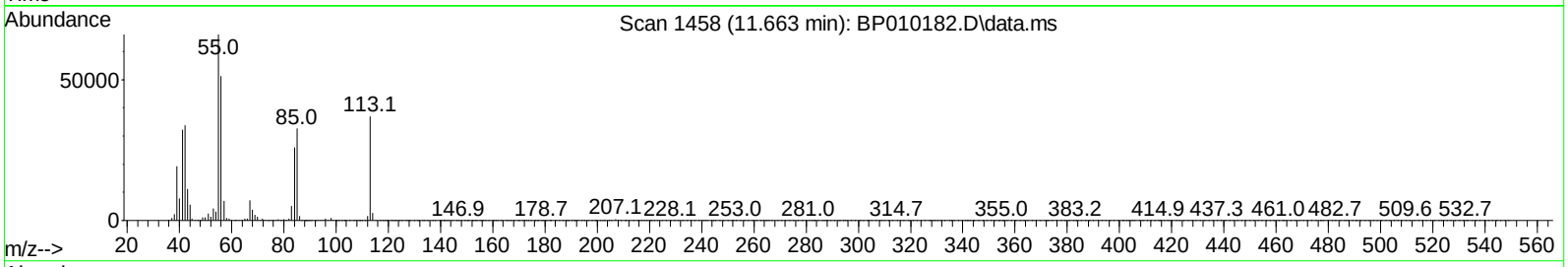

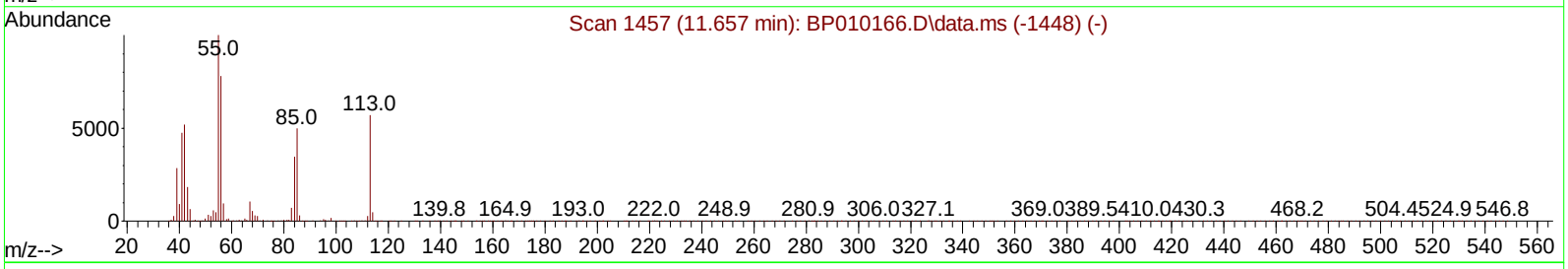

TIC: BP010182.D\data.ms

(34) Caprolactam

11.663min (+ 0.006) 25.49 ng/ul m

response 100049

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	178.45#
56.00	85.80	138.66#
0.00	0.00	0.00

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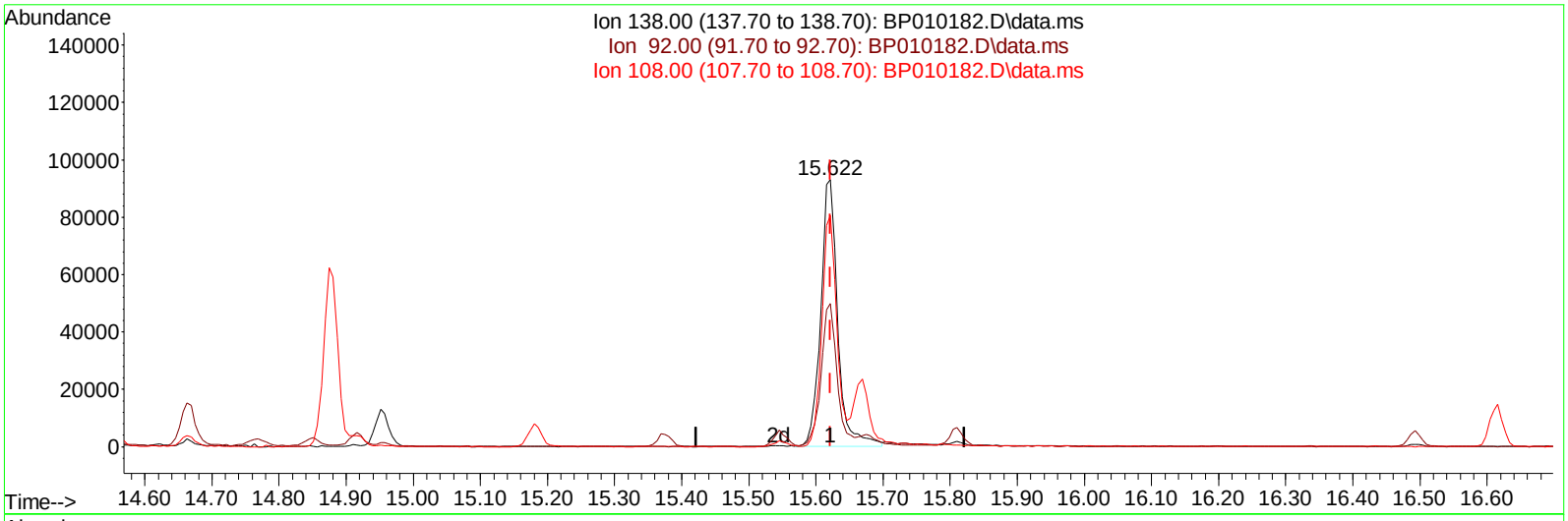

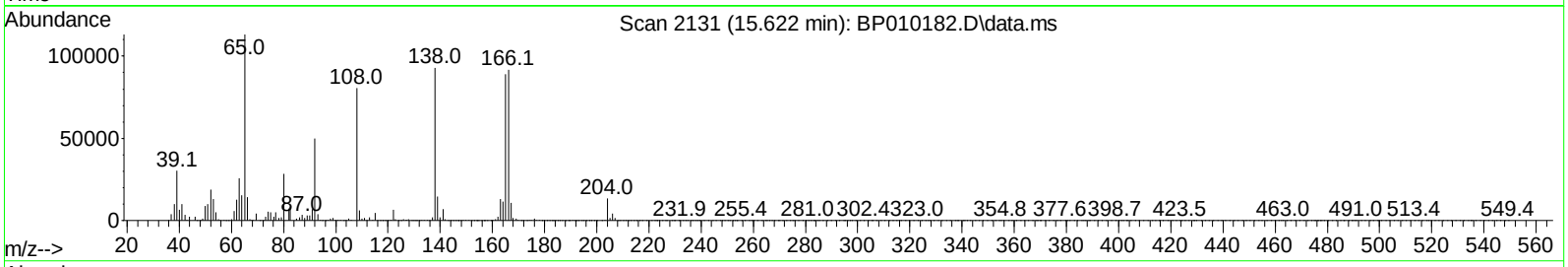

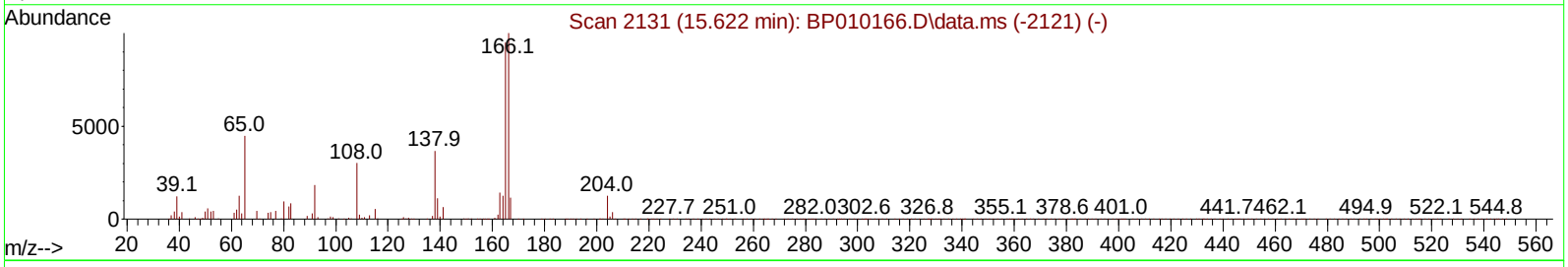

TIC: BP010182.D\data.ms

(63) 4-Nitroaniline

15.622min (-0.000) 29.53 ng/ul

response 163693

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	53.74
108.00	122.00	86.59#
0.00	0.00	0.00

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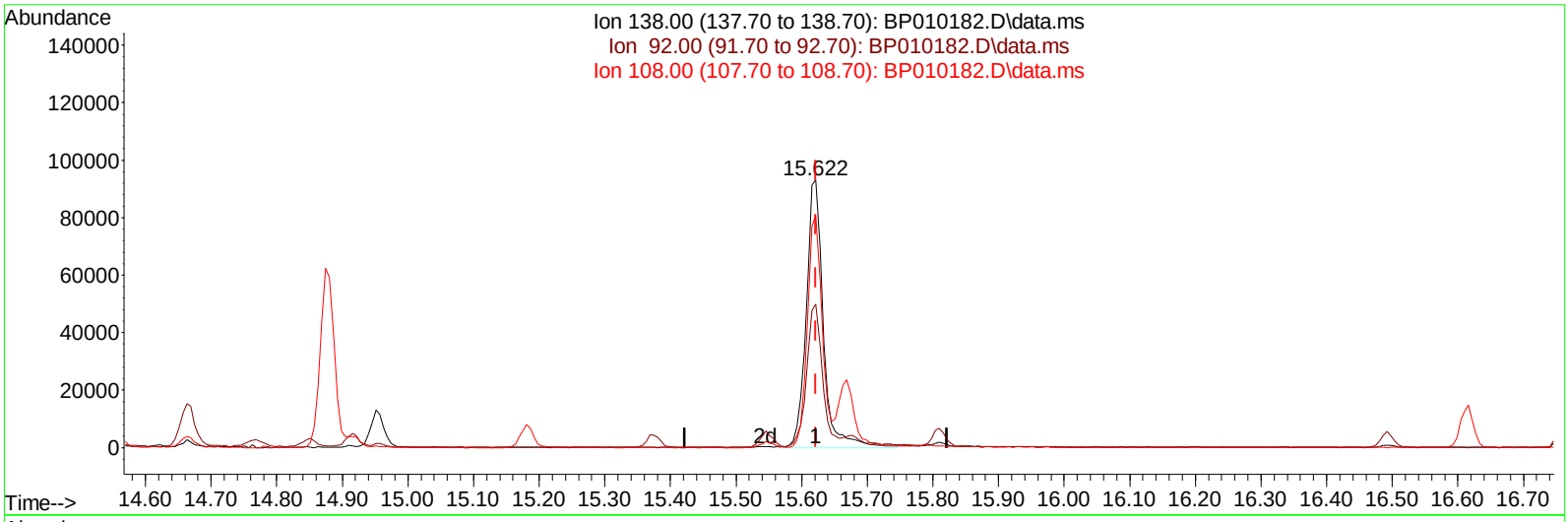

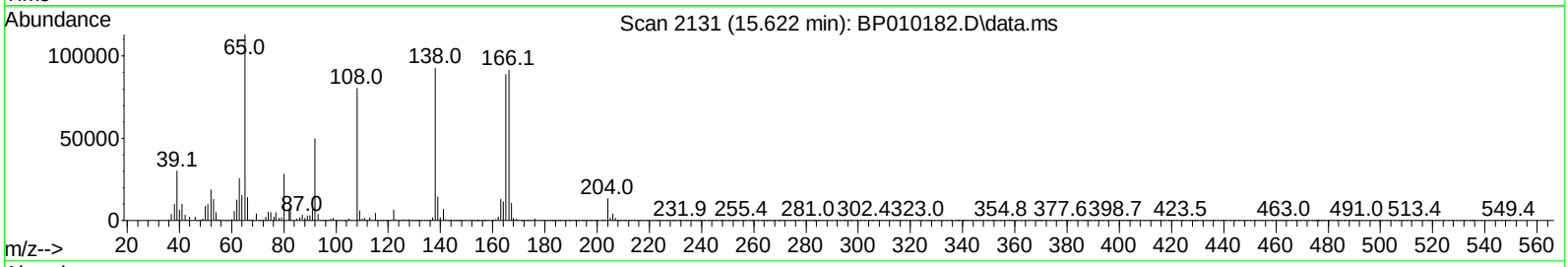

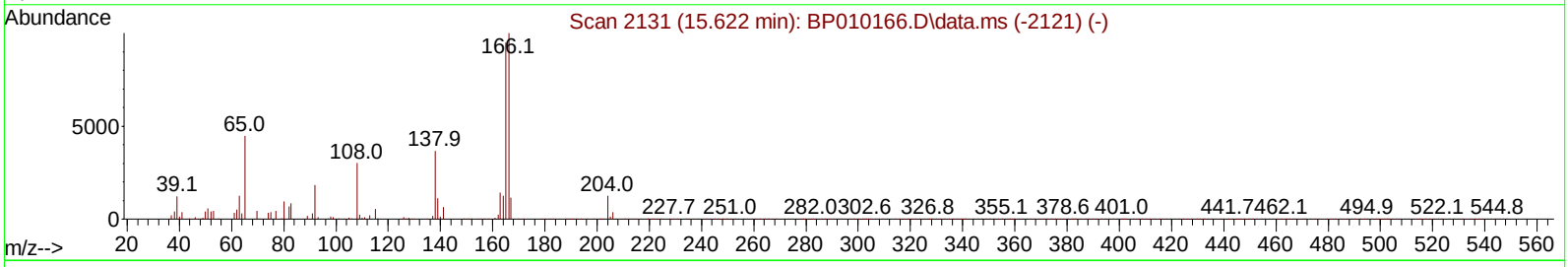

TIC: BP010182.D\data.ms

(63) 4-Nitroaniline

15.622min (-0.000) 30.35 ng/ul m

response 168255

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	53.74
108.00	122.00	86.59#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/03/2022
Supervised By :Yogesh Patel 05/05/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	158415	20.000	ng/ul		0.00
20) Naphthalene-d8	10.728	136	671206	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.557	164	405348	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.310	188	716022	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.386	240	594718	20.000	ng/ul	#	0.00
88) Perylene-d12	23.833	264	568742	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.358	96	21207	5.838	ng/uL		0.00
4) Pyridine-d5	3.775	84	299035	29.260	ng/ul		0.00
7) Phenol-d5	7.087	99	412240	28.609	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	277718	32.120	ng/ul		0.00
11) 2-Chlorophenol-d4	7.458	132	338337	31.705	ng/ul		0.00
15) 4-Methylphenol-d8	8.634	113	347098	29.074	ng/ul		0.00
21) Nitrobenzene-d5	9.081	128	173701	32.538	ng/ul		0.00
24) 2-Nitrophenol-d4	9.804	143	188886	32.398	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.351	165	337948	29.775	ng/ul		0.00
31) 4-Chloroaniline-d4	10.863	131	400355	24.601	ng/ul		0.00
46) Dimethylphthalate-d6	13.963	166	959485	30.429	ng/ul		0.00
49) Acenaphthylene-d8	14.245	160	1151813	30.182	ng/ul		0.00
54) 4-Nitrophenol-d4	14.751	143	139828	24.088	ng/ul		0.00
60) Fluorene-d10	15.551	176	801248	29.541	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	137259	30.317	ng/ul		0.00
73) Anthracene-d10	17.404	188	1075878	31.058	ng/ul		0.00
81) Pyrene-d10	19.639	212	1156096	34.182	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.674	264	1010708	33.897	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	42529	11.266	ng/uL	#	13
5) Pyridine	3.793	79	310638	29.241	ng/ul	#	49
6) Benzaldehyde	7.058	77	280093	36.374	ng/ul		96
8) Phenol	7.116	94	435051	30.049	ng/ul	#	94
10) Bis(2-Chloroethyl)ether	7.340	93	352777	31.626	ng/ul	#	78
12) 2-Chlorophenol	7.487	128	341880	31.761	ng/ul		95
13) 2-Methylphenol	8.369	108	332975	29.987	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.457	45	531159	32.091	ng/ul	#	84
16) Acetophenone	8.746	105	537059	28.833	ng/ul	#	81
17) N-Nitroso-di-n-propyla...	8.734	70	292640	29.987	ng/ul	#	73
18) 4-Methylphenol	8.699	108	357941	29.278	ng/ul		94
19) Hexachloroethane	9.005	117	148706	32.878	ng/ul	#	77
22) Nitrobenzene	9.122	77	419175	32.048	ng/ul	#	84
23) Isophorone	9.657	82	792349	30.671	ng/ul	#	97
25) 2-Nitrophenol	9.840	139	201309	32.601	ng/ul	#	84
26) 2,4-Dimethylphenol	9.899	107	403411	30.176	ng/ul	#	80
27) Bis(2-Chloroethoxy)met...	10.134	93	486101	32.103	ng/ul	#	98
29) 2,4-Dichlorophenol	10.375	162	340681	31.225	ng/ul	#	83
30) Naphthalene	10.775	128	1113780	31.704	ng/ul		96
32) 4-Chloroaniline	10.887	127	385188	24.019	ng/ul		95
33) Hexachlorobutadiene	11.069	225	247936	32.064	ng/ul		94
34) Caprolactam	11.663	113	100049m	25.493	ng/ul		
35) 4-Chloro-3-methylphenol	12.010	107	371193	28.163	ng/ul	#	70

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.381	142	758523	29.771	ng/ul	93
37) 1-Methylnaphthalene	12.604	142	772550	29.863	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.751	216	434588	34.702	ng/ul	93
40) Hexachlorocyclopentadiene	12.740	237	241484	34.216	ng/ul	97
41) 2,4,6-Trichlorophenol	12.993	196	271842	33.549	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.063	196	284038	32.218	ng/ul#	88
43) 1,1'-Biphenyl	13.393	154	1029838	34.447	ng/ul#	93
44) 2-Chloronaphthalene	13.434	162	780786	33.747	ng/ul	94
45) 2-Nitroaniline	13.634	65	233367	31.107	ng/ul#	82
47) Dimethylphthalate	14.010	163	936506	30.560	ng/ul#	92
48) 2,6-Dinitrotoluene	14.128	165	194760	30.969	ng/ul	94
50) Acenaphthylene	14.275	152	1226140	32.437	ng/ul	96
51) 3-Nitroaniline	14.457	138	162344	28.497	ng/ul#	79
52) Acenaphthene	14.622	153	785612	31.962	ng/ul	97
53) 2,4-Dinitrophenol	14.663	184	89235	25.392	ng/ul#	77
55) 4-Nitrophenol	14.769	109	120014	23.797	ng/ul#	43
56) Dibenzofuran	14.951	168	1122016	30.827	ng/ul	99
57) 2,4-Dinitrotoluene	14.916	165	260179	28.319	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.181	232	225848	28.819	ng/ul#	86
59) Diethylphthalate	15.375	149	923829	29.639	ng/ul	93
61) Fluorene	15.604	166	891963	29.848	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.598	204	475246	30.218	ng/ul	98
63) 4-Nitroaniline	15.622	138	168255m	30.352	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.681	198	134750	30.848	ng/ul#	86
67) N-Nitrosodiphenylamine	15.810	169	745221	36.273	ng/ul	95
68) 4-Bromophenyl-phenylether	16.492	248	277823	36.376	ng/ul	95
69) Hexachlorobenzene	16.616	284	302073	34.075	ng/ul#	90
70) Atrazine	16.769	200	268331	32.126	ng/ul	92
71) Pentachlorophenol	16.957	266	162037	28.701	ng/ul	86
72) Phenanthrene	17.351	178	1253809	32.217	ng/ul	99
74) Anthracene	17.439	178	1259193	32.123	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	436505	41.758	ng/uL#	86
76) Pentachlorobenzene	14.881	250	389780	38.025	ng/uL	88
77) Carbazole	17.710	167	1044704	30.118	ng/ul#	96
78) Di-n-butylphthalate	18.257	149	1393014	32.642	ng/ul#	92
80) Fluoranthene	19.316	202	1354658	35.510	ng/ul#	95
82) Pyrene	19.669	202	1369712	34.850	ng/ul#	93
83) Butylbenzylphthalate	20.533	149	555909	34.217	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.304	252	381760	35.675	ng/ul#	97
85) Benzo(a)anthracene	21.374	228	1228292	32.544	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.298	149	810109	33.644	ng/ul#	81
87) Chrysene	21.427	228	1221001	32.855	ng/ul	99
89) Di-n-octyl phthalate	22.233	149	1329540	30.071	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	1227780	32.111	ng/ul	99
91) Benzo(k)fluoranthene	23.139	252	1216465	33.587	ng/ul#	97
93) Benzo(a)pyrene	23.727	252	1215776	34.385	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.392	276	1386660	39.424	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.404	278	1164658	38.697	ng/ul#	95
96) Benzo(g,h,i)perylene	27.174	276	1195410	40.278	ng/ul#	91

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

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