Quantitation Report (Qedit)

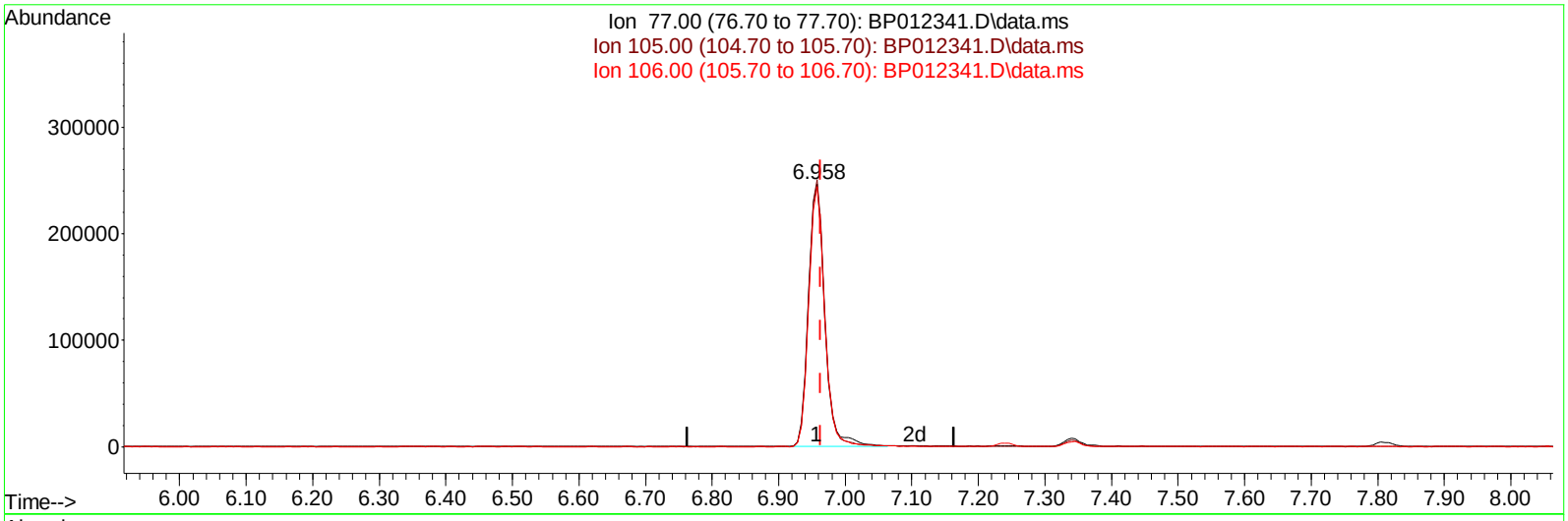
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012341.D
Acq On : 27 Oct 2022 13:11
Operator : CG/JU
Sample : PB148454BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

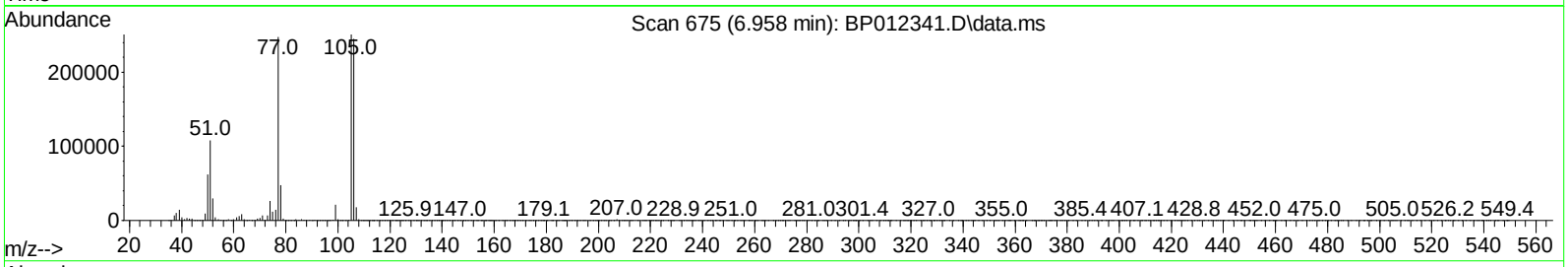
Quant Time: Oct 27 23:20:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 26 23:40:20 2022
Response via : Initial Calibration

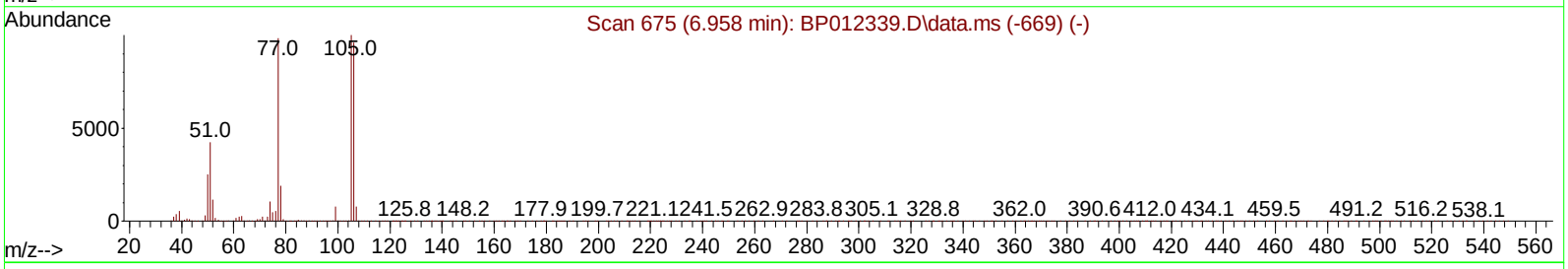
Instrument :
BNA_P
ClientSampleId :
SLCS454

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022







TIC: BP012341.D\data.ms

(6) Benzaldehyde

6.958min (-0.005) 43.10 ng/ul

response 421720

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.30	101.53
106.00	99.00	99.07
0.00	0.00	0.00

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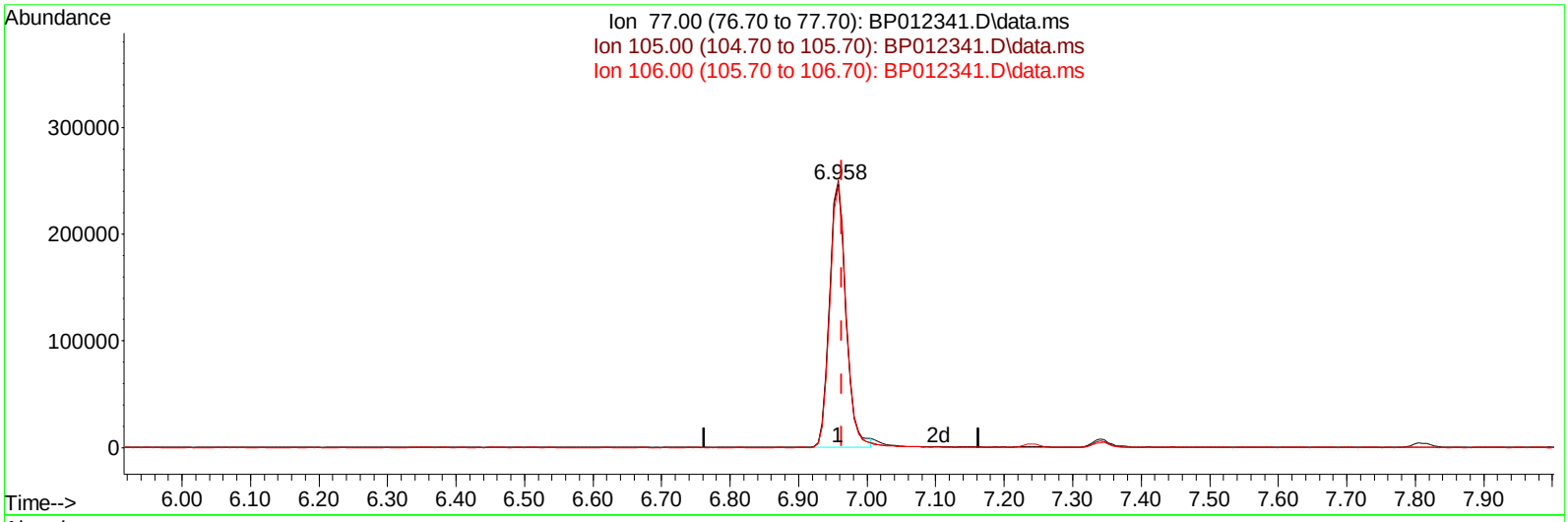

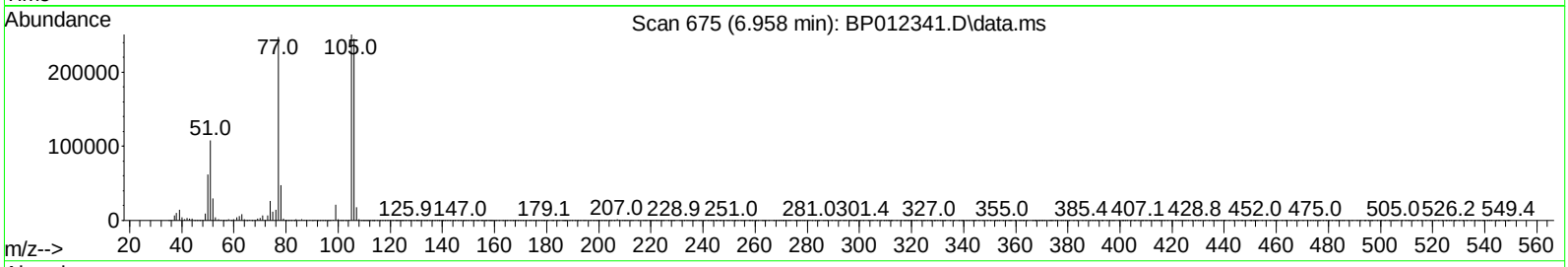

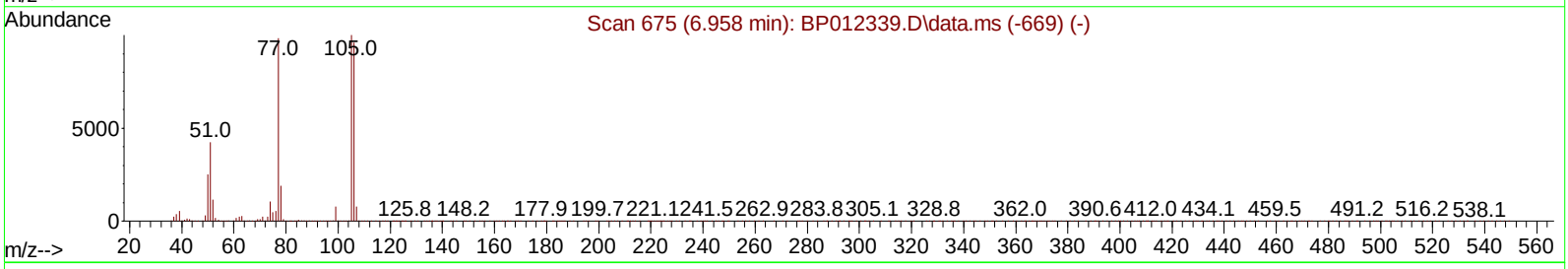

TIC: BP012341.D\data.ms

(6) Benzaldehyde

6.958min (-0.005) 42.36 ng/ul m

response 414500

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.30	101.53
106.00	99.00	99.07
0.00	0.00	0.00

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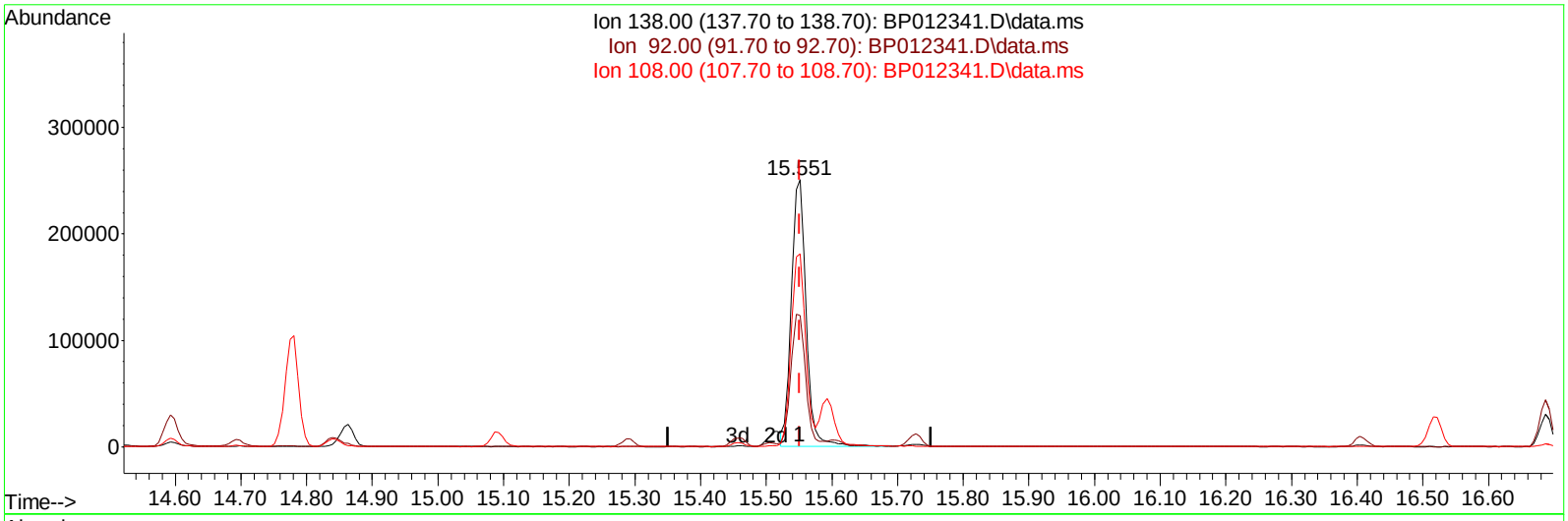

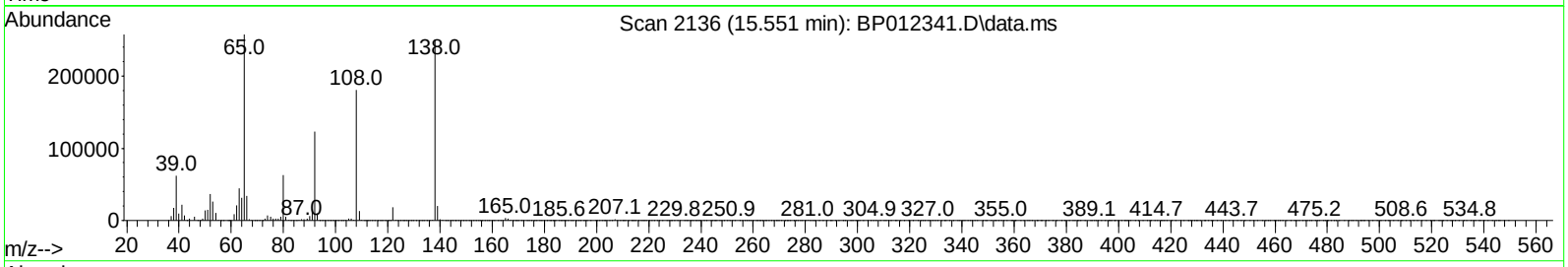

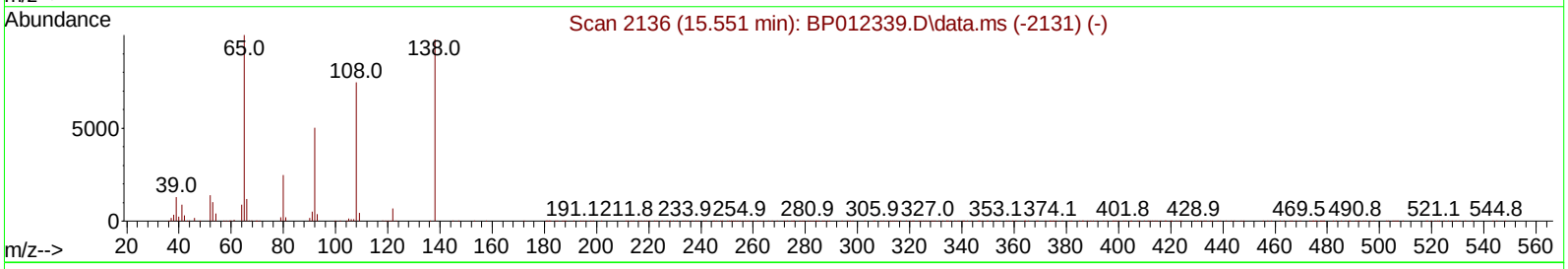

TIC: BP012341.D\data.ms

(63) 4-Nitroaniline

15.551min (+ 0.000) 41.93 ng/ul

response 388856

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.80	49.09
108.00	70.80	72.27
0.00	0.00	0.00

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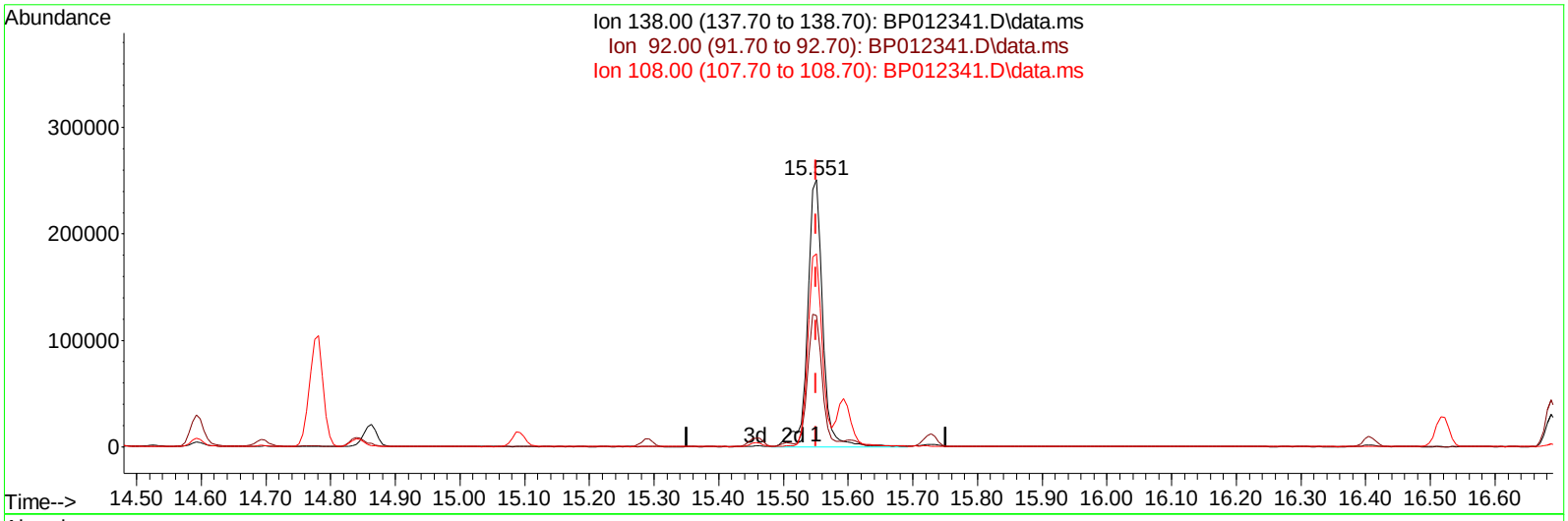

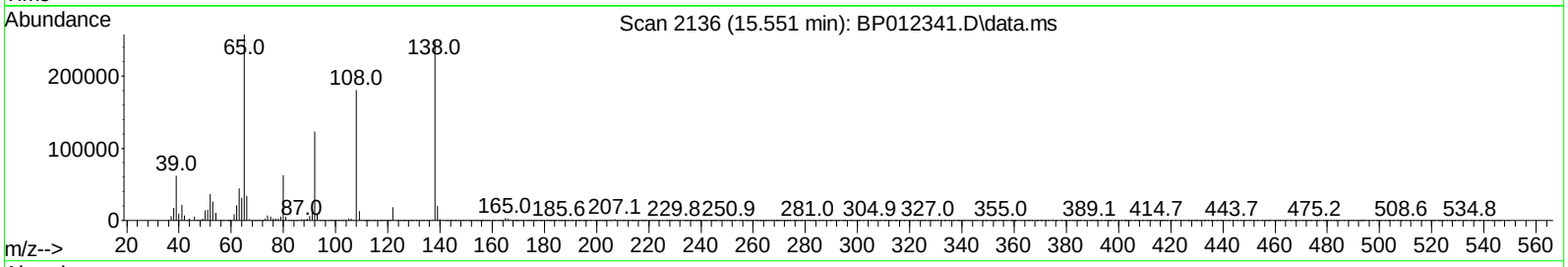

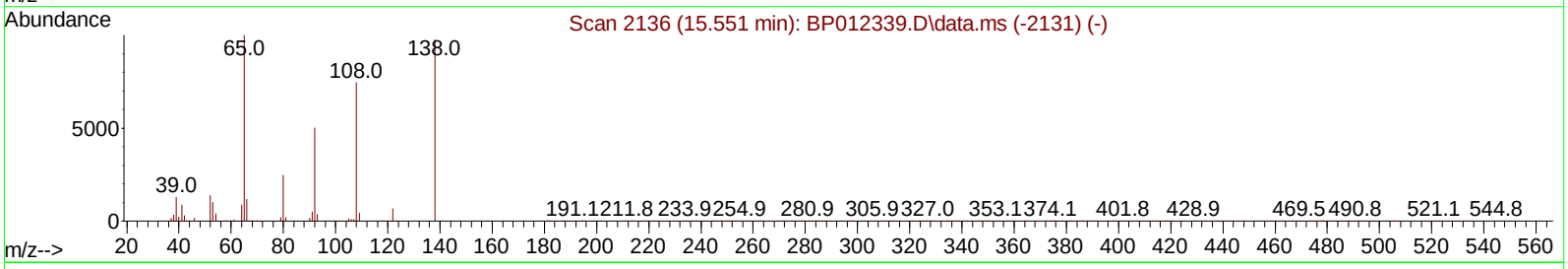

TIC: BP012341.D\data.ms

(63) 4-Nitroaniline

15.551min (+ 0.000) 44.51 ng/ul m

response 412784

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.80	49.09
108.00	70.80	72.27
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	7.810	152	231293	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	1089106	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	700020	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	1512576	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1640719	20.000	ng/ul	0.00
88) Perylene-d12	23.715	264	1672890	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	32218	5.609	ng/uL	0.00
4) Pyridine-d5	3.675	84	220782	13.380	ng/ul	0.00
7) Phenol-d5	6.981	99	690089	33.265	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	403385	32.573	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	533945	35.245	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	554378	33.788	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	266213	37.693	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	292126	39.851	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	553145	34.818	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	400928	16.949	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	1630167	34.018	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	1875614	34.250	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	336214	37.071	ng/ul	0.00
60) Fluorene-d10	15.457	176	1412598	34.430	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	270046	34.291	ng/ul	0.00
73) Anthracene-d10	17.322	188	2300081	35.292	ng/ul	0.00
81) Pyrene-d10	19.563	212	2797975	33.966	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.563	264	2907566	35.571	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	70236	11.501	ng/uL	98
5) Pyridine	3.693	79	401209	24.741	ng/ul	99
6) Benzaldehyde	6.958	77	414500m	42.365	ng/ul	
8) Phenol	7.010	94	687271	31.862	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.240	93	543994	31.423	ng/ul	100
12) 2-Chlorophenol	7.375	128	542487	32.895	ng/ul	99
13) 2-Methylphenol	8.263	108	529239	31.905	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	707828	30.488	ng/ul	100
16) Acetophenone	8.640	105	828837	32.525	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.628	70	411553	33.546	ng/ul	100
18) 4-Methylphenol	8.593	108	579993	31.990	ng/ul	98
19) Hexachloroethane	8.881	117	213142	33.604	ng/ul	98
22) Nitrobenzene	9.022	77	609385	33.070	ng/ul	100
23) Isophorone	9.552	82	1199136	31.098	ng/ul	99
25) 2-Nitrophenol	9.734	139	315351	35.877	ng/ul	100
26) 2,4-Dimethylphenol	9.793	107	618070	32.024	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.034	93	759121	30.764	ng/ul	100
29) 2,4-Dichlorophenol	10.263	162	539510	32.714	ng/ul	99
30) Naphthalene	10.663	128	1810726	31.370	ng/ul	100
32) 4-Chloroaniline	10.787	127	669649	27.513	ng/ul	100
33) Hexachlorobutadiene	10.940	225	331130	32.273	ng/ul	99
34) Caprolactam	11.587	113	184189	32.823	ng/ul	97
35) 4-Chloro-3-methylphenol	11.910	107	600167	33.120	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.275	142	1239396	31.320	ng/ul	100
37) 1-Methylnaphthalene	12.498	142	1242479	31.440	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.645	216	649155	31.571	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	248968	26.172	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	438755	33.383	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	489435	34.143	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	1602264	31.128	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	1274064	31.499	ng/ul	99
45) 2-Nitroaniline	13.551	65	364329	38.863	ng/ul	99
47) Dimethylphthalate	13.922	163	1633057	32.345	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	330415	39.414	ng/ul	99
50) Acenaphthylene	14.181	152	2007403	32.686	ng/ul	99
51) 3-Nitroaniline	14.381	138	380366	37.056	ng/ul	99
52) Acenaphthene	14.522	153	1374199	31.840	ng/ul	100
53) 2,4-Dinitrophenol	14.592	184	178847	31.591	ng/ul	95
55) 4-Nitrophenol	14.692	109	239482	34.898	ng/ul	96
56) Dibenzofuran	14.863	168	1919590	32.579	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	486564	38.534	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.092	232	419940	34.515	ng/ul	98
59) Diethylphthalate	15.292	149	1664263	33.877	ng/ul	99
61) Fluorene	15.516	166	1557165	33.261	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	756985	32.964	ng/ul	99
63) 4-Nitroaniline	15.551	138	412784m	44.511	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.610	198	272111	32.430	ng/ul	98
67) N-Nitrosodiphenylamine	15.728	169	1373332	32.237	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	504730	33.221	ng/ul	98
69) Hexachlorobenzene	16.522	284	615315	33.768	ng/ul	98
70) Atrazine	16.686	200	321077	21.756	ng/ul	99
71) Pentachlorophenol	16.875	266	373872	33.408	ng/ul	99
72) Phenanthrene	17.263	178	2637078	33.001	ng/ul	99
74) Anthracene	17.357	178	2673105	33.673	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	685976	31.703	ng/uL	100
76) Pentachlorobenzene	14.781	250	673980	29.498	ng/uL	100
77) Carbazole	17.633	167	2507722	35.468	ng/ul	100
78) Di-n-butylphthalate	18.180	149	3039430	37.003	ng/ul	99
80) Fluoranthene	19.239	202	3262586	32.079	ng/ul	98
82) Pyrene	19.592	202	3354910	31.847	ng/ul	99
83) Butylbenzylphthalate	20.463	149	1483008	37.760	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	1265919	35.519	ng/ul	100
85) Benzo(a)anthracene	21.304	228	3451192	32.971	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	2195070	36.551	ng/ul	99
87) Chrysene	21.357	228	3293877	33.661	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	3925585	39.341	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	3724957	35.164	ng/ul	100
91) Benzo(k)fluoranthene	23.033	252	3457047	34.243	ng/ul	99
93) Benzo(a)pyrene	23.610	252	3118042	33.706	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.209	276	3627251	31.467	ng/ul	98
95) Dibenzo(a,h)anthracene	26.227	278	3148748	30.507	ng/ul	99
96) Benzo(g,h,i)perylene	26.980	276	2990329	29.346	ng/ul	99

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

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