Quantitation Report (Qedit)

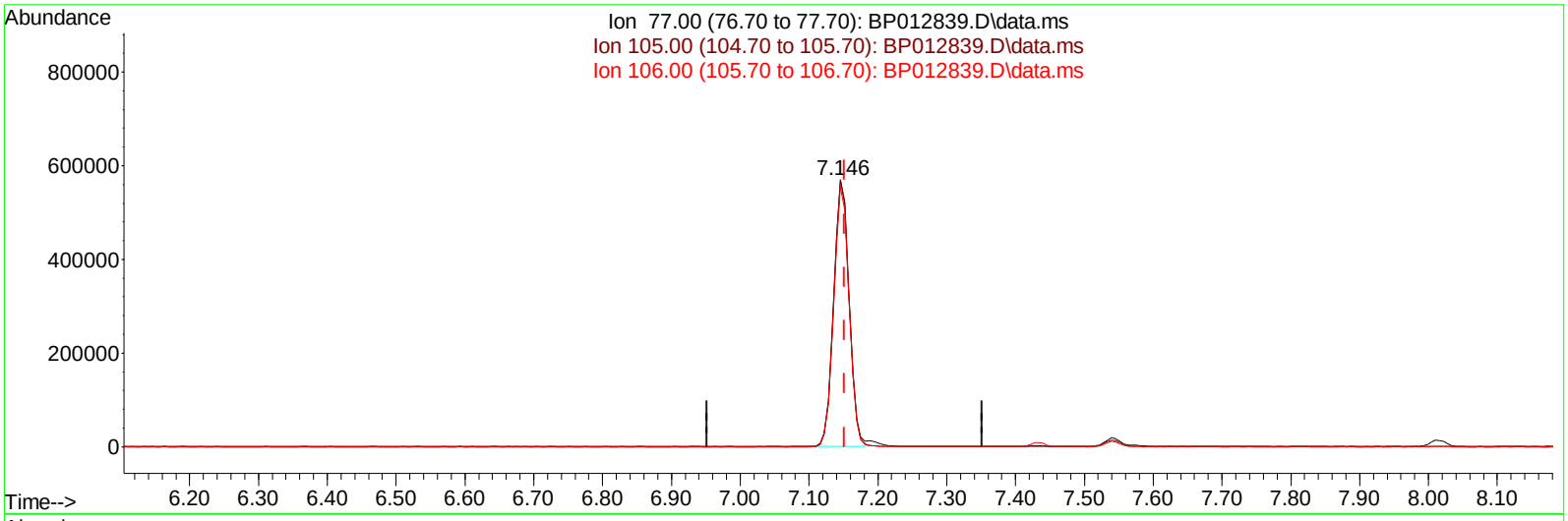
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112822\
Data File : BP012839.D
Acq On : 29 Nov 2022 04:28
Operator : CG/JU
Sample : PB149199BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

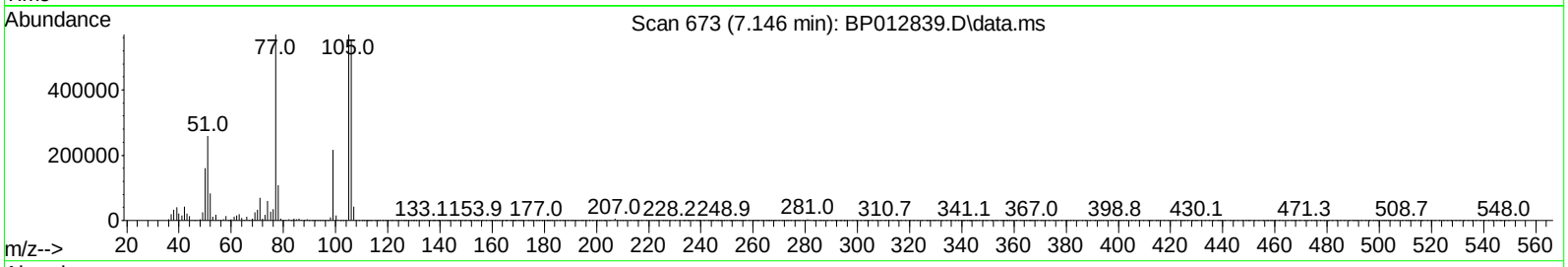
Quant Time: Nov 29 09:00:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration

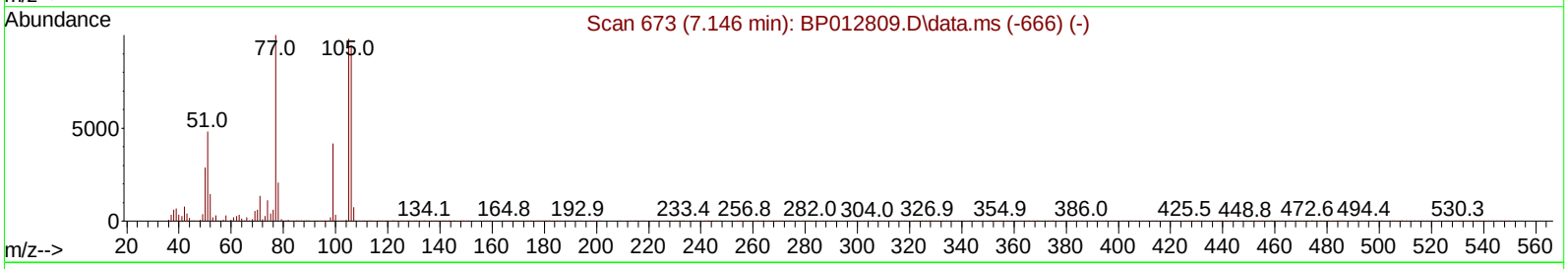
Instrument :
BNA_P
ClientSampleId :
SLCS199

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022







TIC: BP012839.D\data.ms

(6) Benzaldehyde

7.146min (-0.006) 33.00 ng/ul

response 881863

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.80	99.90
106.00	96.70	97.23
0.00	0.00	0.00

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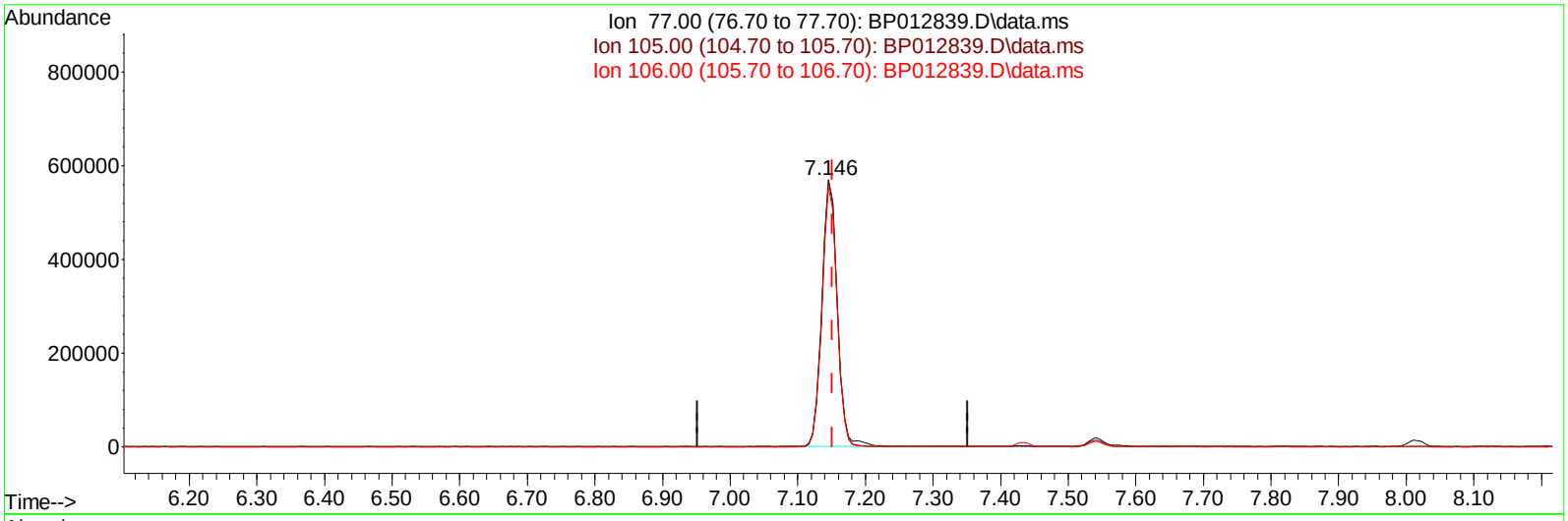

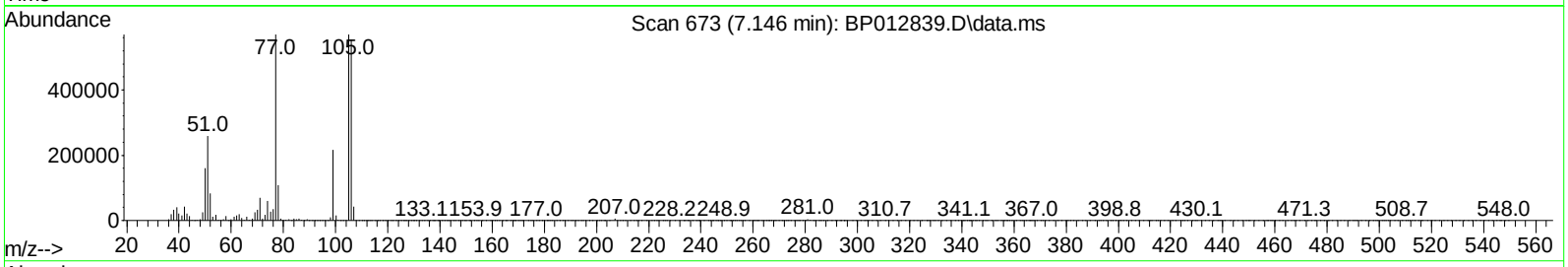

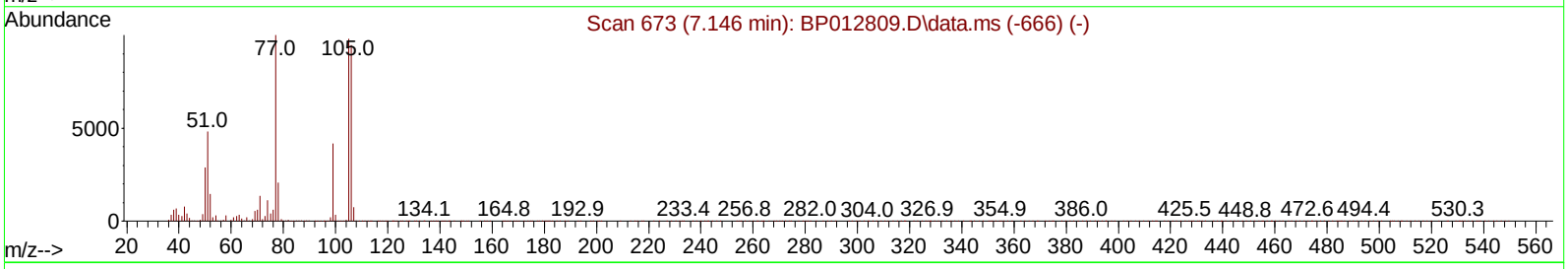

TIC: BP012839.D\data.ms

(6) Benzaldehyde

7.146min (-0.006) 33.61 ng/ul m

response 898257

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.80	99.90
106.00	96.70	97.23
0.00	0.00	0.00

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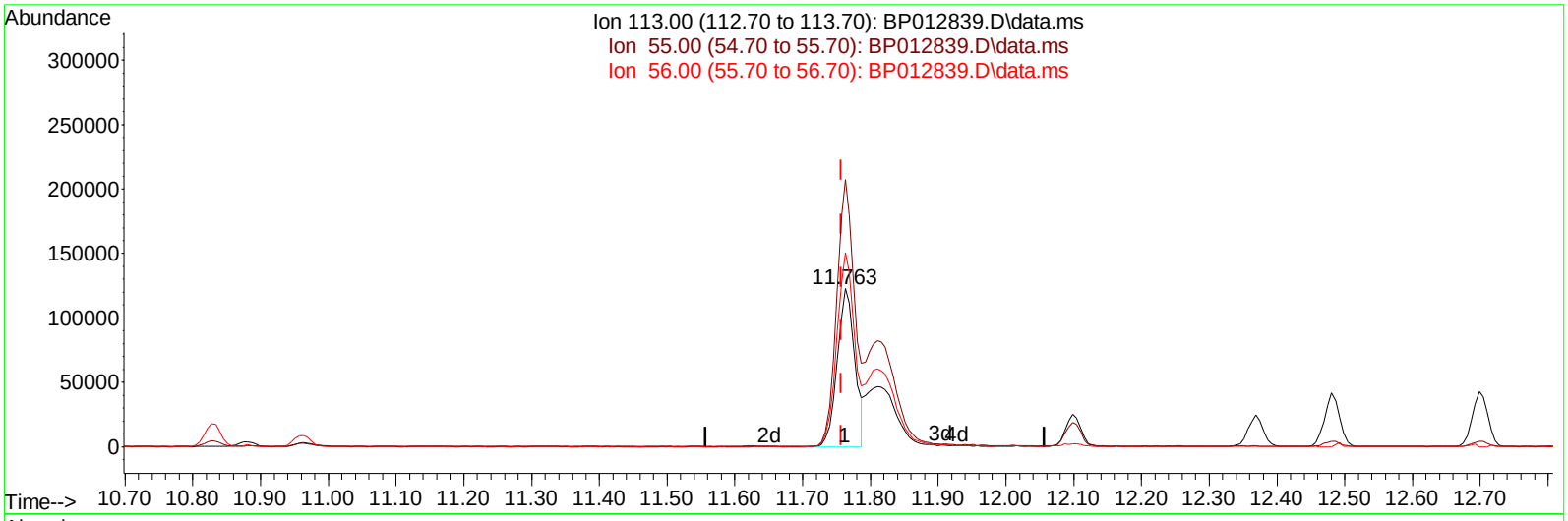

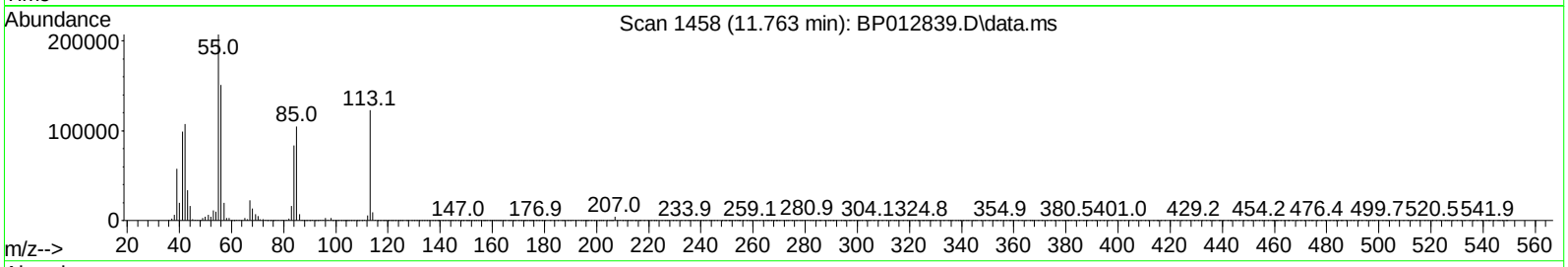

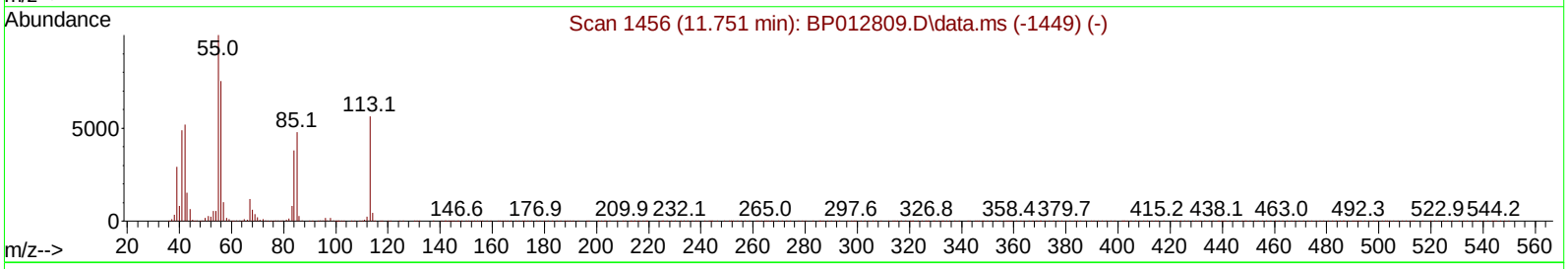

TIC: BP012839.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 15.67 ng/ul

response 221055

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	168.74
56.00	133.90	122.81
0.00	0.00	0.00

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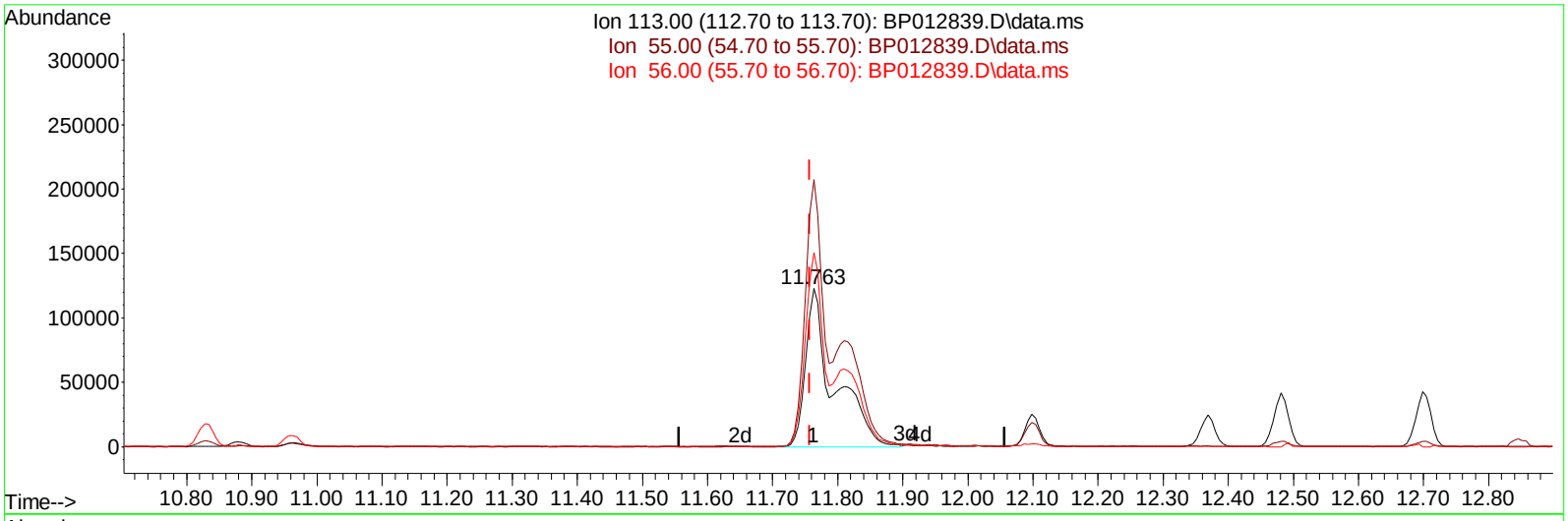

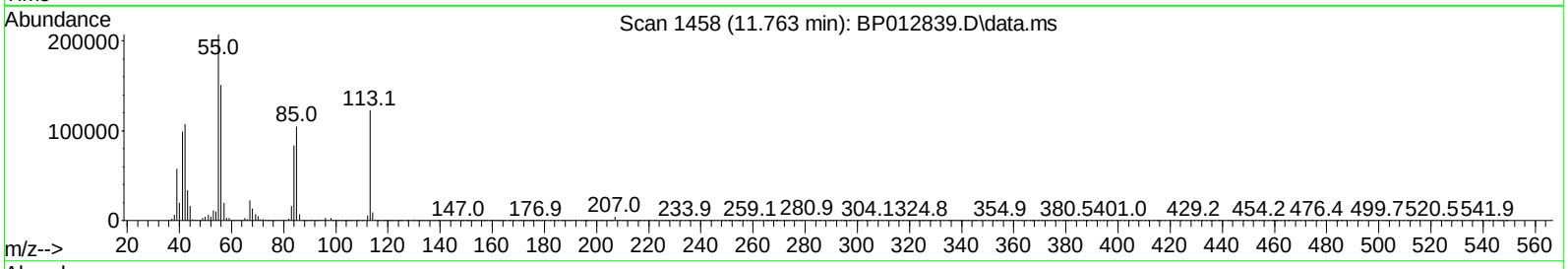

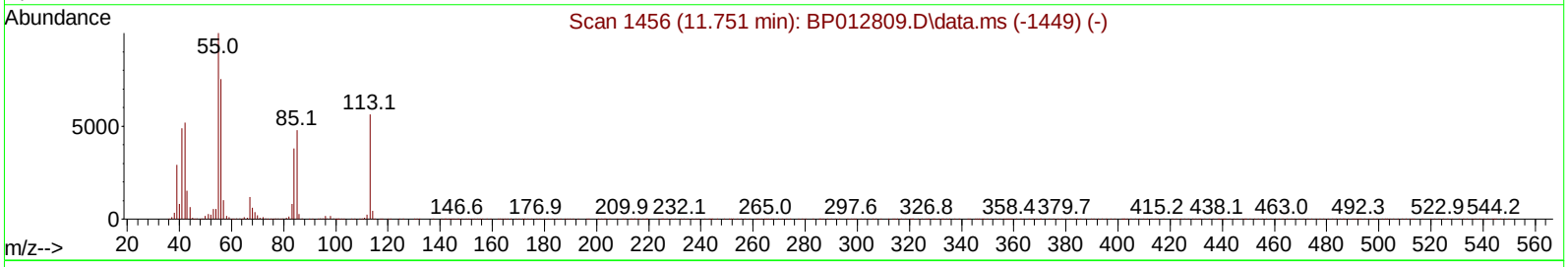

TIC: BP012839.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 26.02 ng/ul m

response 366990

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	168.74
56.00	133.90	122.81
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	8.016	152	666108	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	2923721	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1843664	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	3419721	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	2171079	20.000	ng/ul	-0.01
88) Perylene-d12	23.998	264	2113130	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	89899	5.783	ng/uL	0.00
4) Pyridine-d5	3.816	84	1207947	25.967	ng/ul	0.00
7) Phenol-d5	7.163	99	1634093	29.854	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	992179	29.417	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	1265670	30.346	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	1294563	29.354	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	606580	33.897	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	676599	35.609	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	1350830	30.469	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1571102	25.878	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	3663288	28.867	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	4388824	29.640	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	611946	27.047	ng/ul	0.00
60) Fluorene-d10	15.639	176	3226101	29.028	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	533169	32.621	ng/ul	0.00
73) Anthracene-d10	17.504	188	4463110	29.649	ng/ul	0.00
81) Pyrene-d10	19.727	212	4152381	32.916	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	3122045	30.079	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	175025	10.484	ng/uL	98
5) Pyridine	3.840	79	1208503	26.550	ng/ul	99
6) Benzaldehyde	7.146	77	898257m	33.611	ng/ul	
8) Phenol	7.193	94	1634433	28.477	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.434	93	1322777	28.129	ng/ul	99
12) 2-Chlorophenol	7.575	128	1303352	28.728	ng/ul	100
13) 2-Methylphenol	8.451	108	1252615	28.081	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1864493	27.488	ng/ul	99
16) Acetophenone	8.840	105	1987903	28.440	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	985150	28.611	ng/ul	99
18) 4-Methylphenol	8.781	108	1378694	28.064	ng/ul	100
19) Hexachloroethane	9.104	117	502147	28.862	ng/ul	97
22) Nitrobenzene	9.222	77	1440958	30.702	ng/ul	99
23) Isophorone	9.751	82	2826134	27.314	ng/ul	100
25) 2-Nitrophenol	9.940	139	742931	32.574	ng/ul	96
26) 2,4-Dimethylphenol	9.993	107	1365346	26.940	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.234	93	1786476	28.162	ng/ul	100
29) 2,4-Dichlorophenol	10.469	162	1312134	28.570	ng/ul	99
30) Naphthalene	10.881	128	4276204	27.931	ng/ul	100
32) 4-Chloroaniline	10.987	127	1553447	24.915	ng/ul	99
33) Hexachlorobutadiene	11.169	225	870169	28.445	ng/ul	99
34) Caprolactam	11.763	113	366990m	26.022	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	1317759	28.334	ng/ul	99

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Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.481	142	2949519	27.977	ng/ul	100
37)	1-Methylnaphthalene	12.698	142	2948854	27.909	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.845	216	1687596	28.705	ng/ul	100
40)	Hexachlorocyclopentadiene	12.828	237	822002	29.017	ng/ul	99
41)	2,4,6-Trichlorophenol	13.081	196	1068549	29.048	ng/ul	98
42)	2,4,5-Trichlorophenol	13.151	196	1150614	29.096	ng/ul	99
43)	1,1'-Biphenyl	13.487	154	3850781	28.672	ng/ul	99
44)	2-Chloronaphthalene	13.528	162	3057420	28.456	ng/ul	99
45)	2-Nitroaniline	13.728	65	735479	34.986	ng/ul	98
47)	Dimethylphthalate	14.104	163	3677521	27.645	ng/ul	99
48)	2,6-Dinitrotoluene	14.222	165	698895	33.571	ng/ul	99
50)	Acenaphthylene	14.375	152	4582536	28.303	ng/ul	100
51)	3-Nitroaniline	14.551	138	655871	27.203	ng/ul	98
52)	Acenaphthene	14.716	153	3187733	27.966	ng/ul	99
53)	2,4-Dinitrophenol	14.751	184	364928	27.279	ng/ul	96
55)	4-Nitrophenol	14.851	109	417238	25.383	ng/ul	96
56)	Dibenzofuran	15.045	168	4418939	28.125	ng/ul	99
57)	2,4-Dinitrotoluene	15.004	165	954797	31.079	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.269	232	960784	28.189	ng/ul	99
59)	Diethylphthalate	15.469	149	3446112	26.763	ng/ul	99
61)	Fluorene	15.698	166	3505925	27.825	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.692	204	1827507	27.954	ng/ul	97
63)	4-Nitroaniline	15.716	138	609680	29.669	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.769	198	545429	31.089	ng/ul#	95
67)	N-Nitrosodiphenylamine	15.904	169	2963721	30.494	ng/ul	99
68)	4-Bromophenyl-phenylether	16.586	248	1056115	31.378	ng/ul	98
69)	Hexachlorobenzene	16.704	284	1264010	29.465	ng/ul	98
70)	Atrazine	16.857	200	887123	26.604	ng/ul	98
71)	Pentachlorophenol	17.045	266	703122	26.690	ng/ul	98
72)	Phenanthrene	17.445	178	5181476	28.429	ng/ul	100
74)	Anthracene	17.539	178	5146954	28.545	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.451	216	1672142	31.629	ng/uL	99
76)	Pentachlorobenzene	14.969	250	1570499	28.577	ng/uL	98
77)	Carbazole	17.804	167	4263585	27.951	ng/ul	100
78)	Di-n-butylphthalate	18.351	149	4678012	25.906	ng/ul	99
80)	Fluoranthene	19.404	202	4989486	31.798	ng/ul	99
82)	Pyrene	19.757	202	5046797	31.097	ng/ul	99
83)	Butylbenzylphthalate	20.621	149	1279634	33.694	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.398	252	1074997	26.963	ng/ul	99
85)	Benzo(a)anthracene	21.474	228	3969483	26.434	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.386	149	1635089	28.153	ng/ul	99
87)	Chrysene	21.527	228	3793953	26.131	ng/ul	100
89)	Di-n-octyl phthalate	22.351	149	2412958	19.996	ng/ul	100
90)	Benzo(b)fluoranthene	23.227	252	3941240	25.187	ng/ul	100
91)	Benzo(k)fluoranthene	23.280	252	3792858	24.283	ng/ul	99
93)	Benzo(a)pyrene	23.886	252	3513429	27.305	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.639	276	4677740	37.680	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.656	278	4084517	36.260	ng/ul	98
96)	Benzo(g,h,i)perylene	27.445	276	4141167	38.783	ng/ul	99

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

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