Quantitation Report (Qedit)

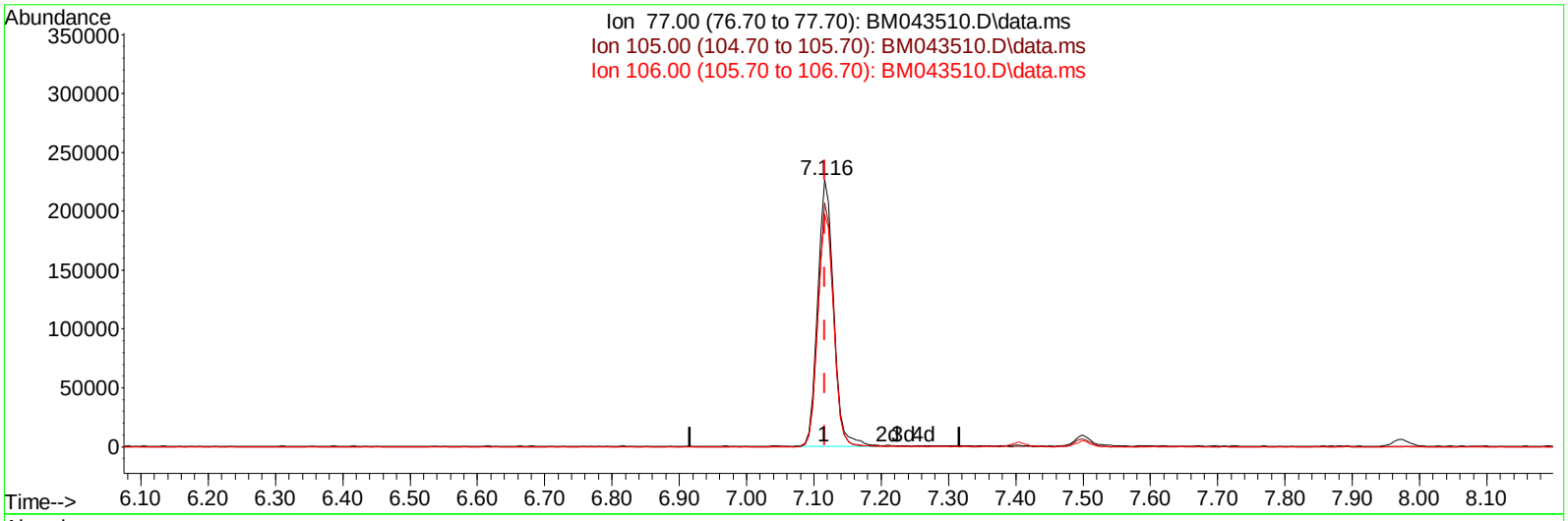
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
Data File : BM043510.D
Acq On : 21 Dec 2023 19:35
Operator : MA/JU
Sample : PB157941BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

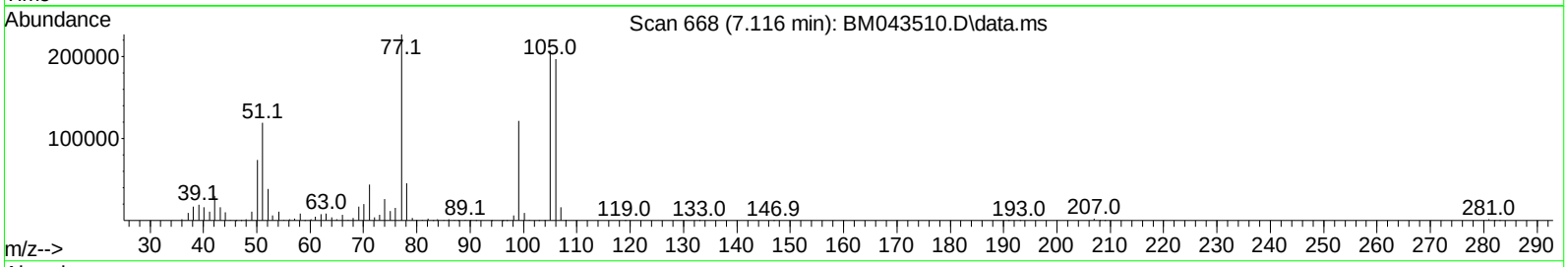
Quant Time: Dec 22 02:01:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 21:59:32 2023
Response via : Initial Calibration

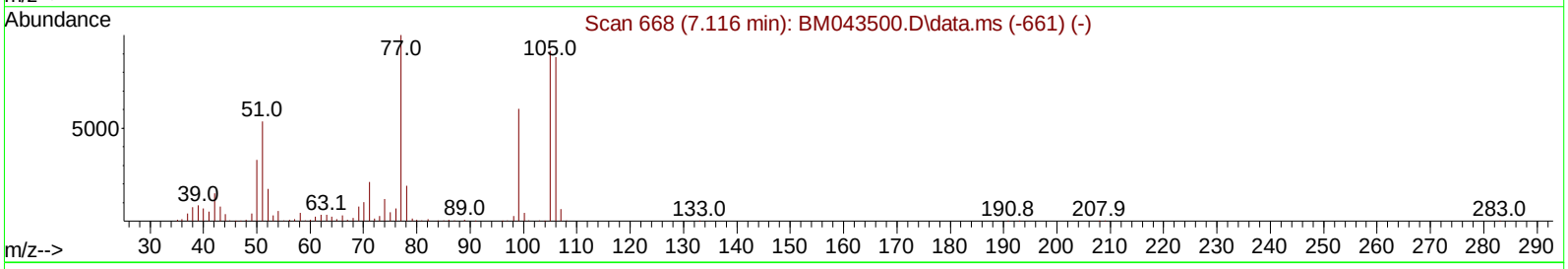
Instrument :
BNA_M
ClientSampleId :
SLCS941

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023







TIC: BM043510.D\data.ms

(6) Benzaldehyde

7.116min (-0.000) 29.12 ng/ul

response 370819

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	91.30
106.00	89.20	86.93
0.00	0.00	0.00

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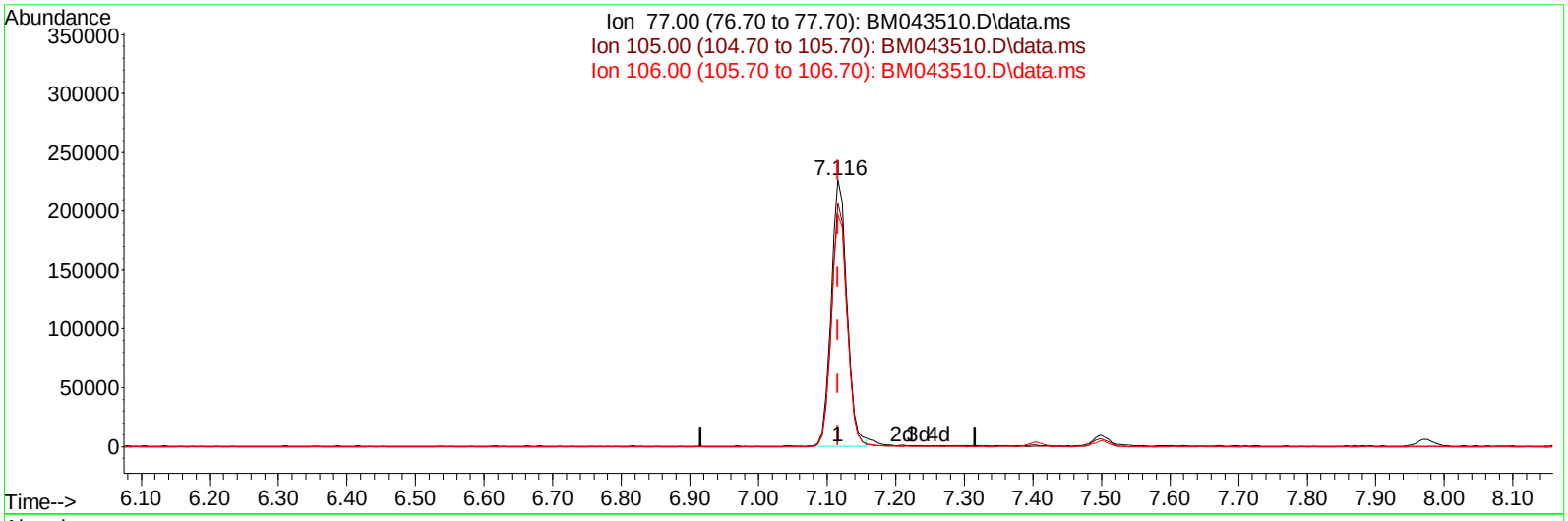

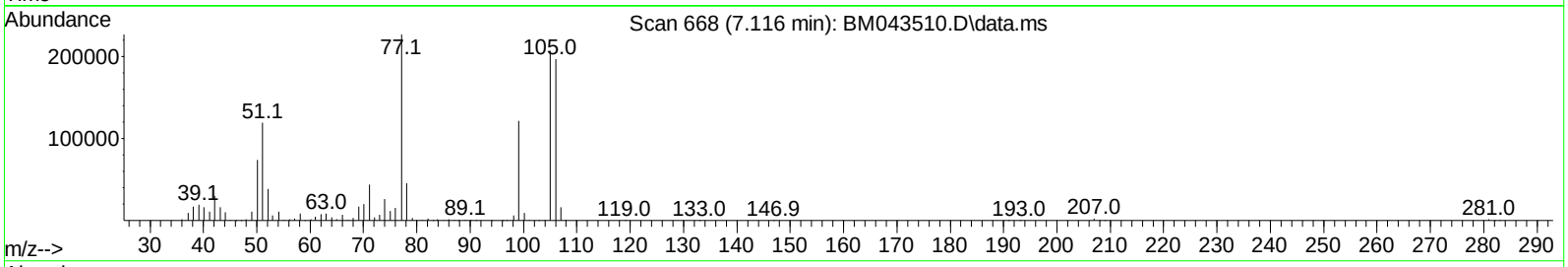

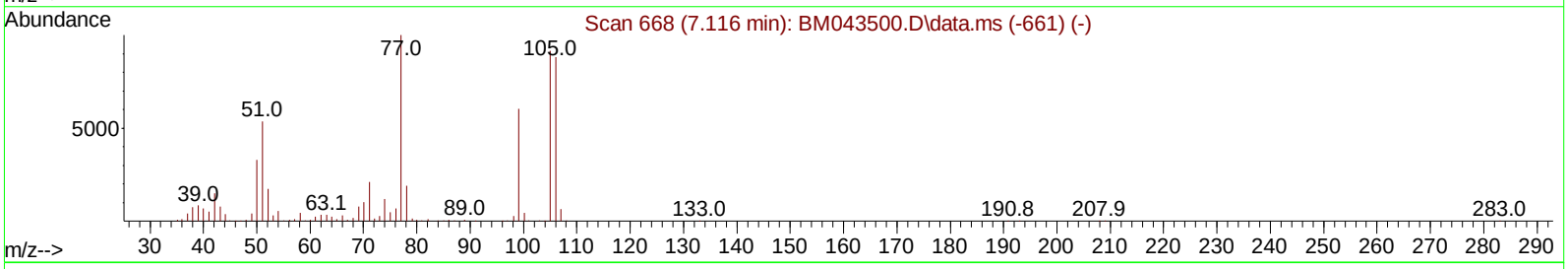

TIC: BM043510.D\data.ms

(6) Benzaldehyde

7.116min (-0.000) 28.77 ng/ul m

response 366409

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	91.30
106.00	89.20	86.93
0.00	0.00	0.00

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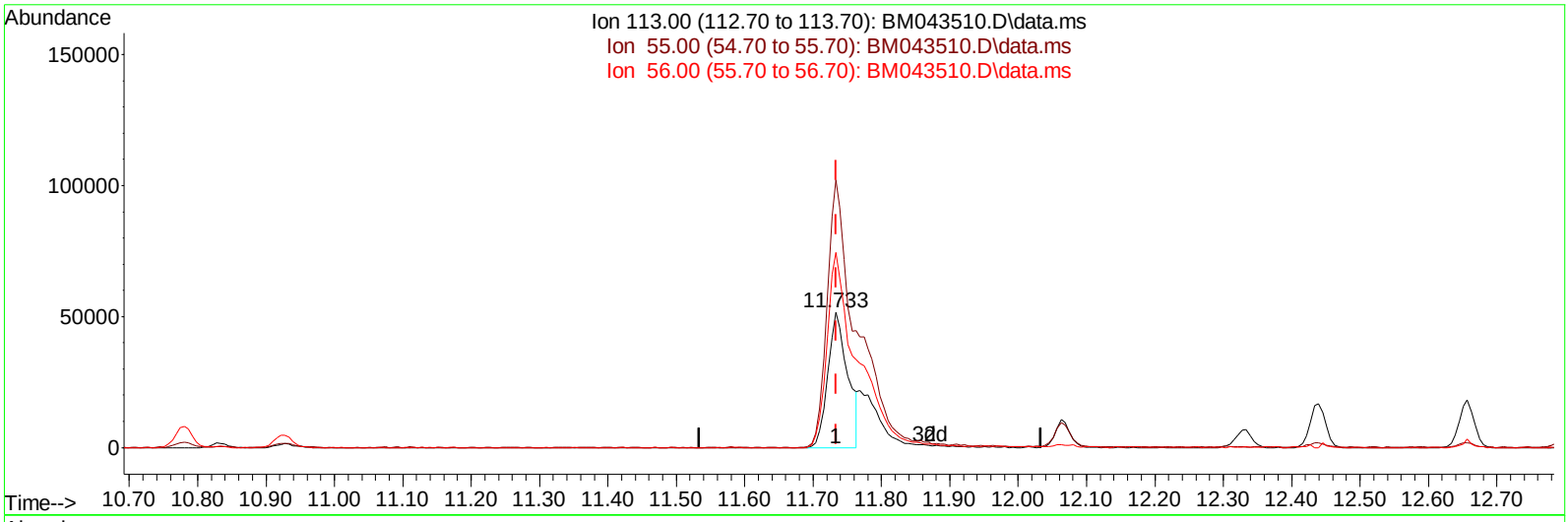

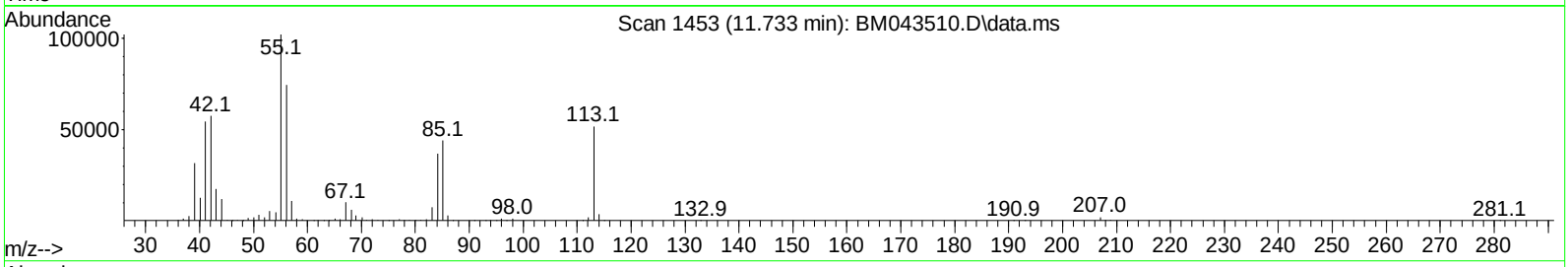

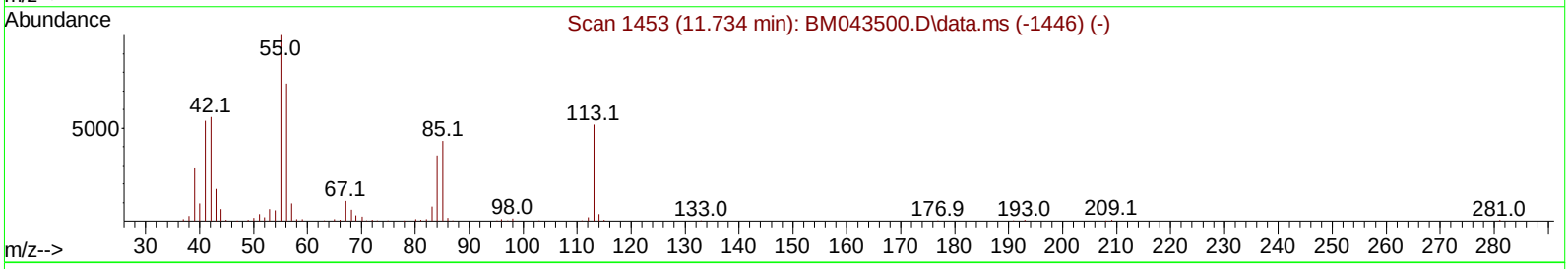

TIC: BM043510.D\data.ms

(34) Caprolactam

11.733min (-0.000) 18.69 ng/ul

response 104781

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.10	197.29
56.00	139.30	143.80
0.00	0.00	0.00

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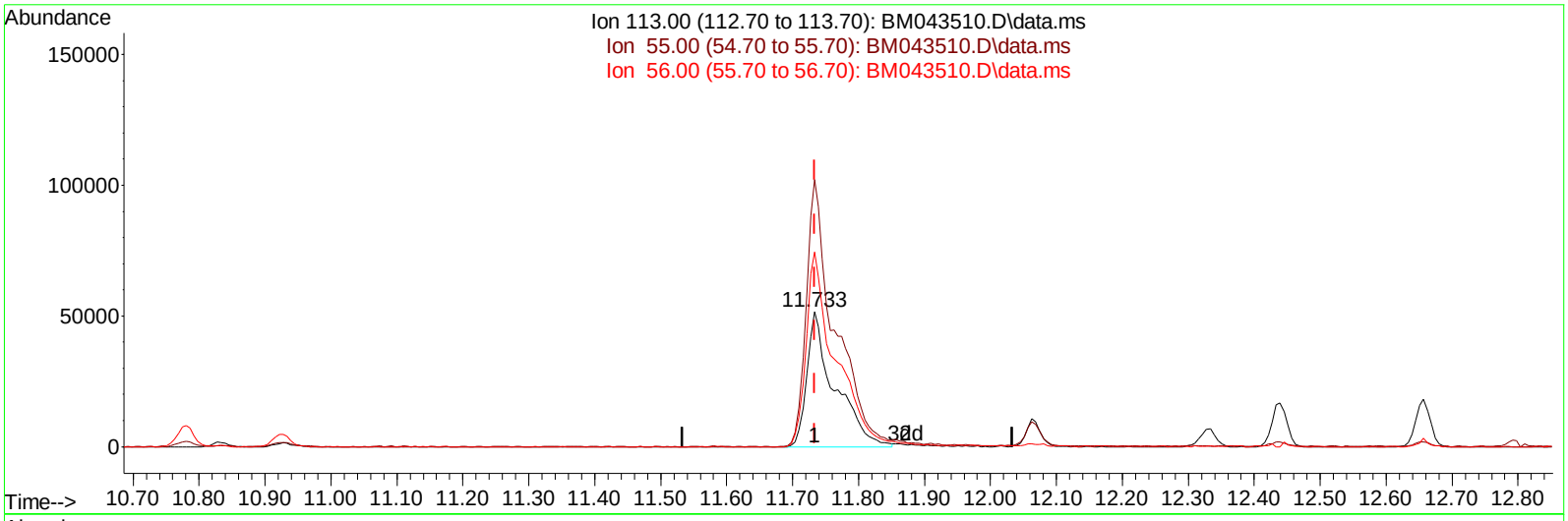

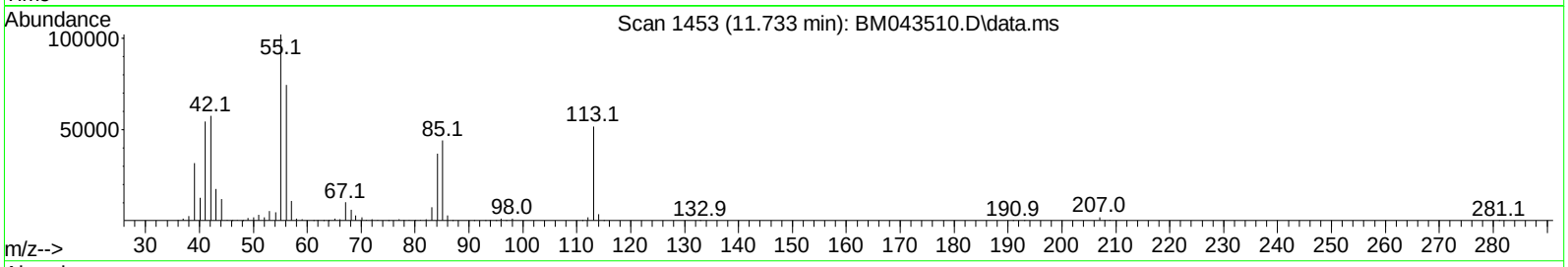

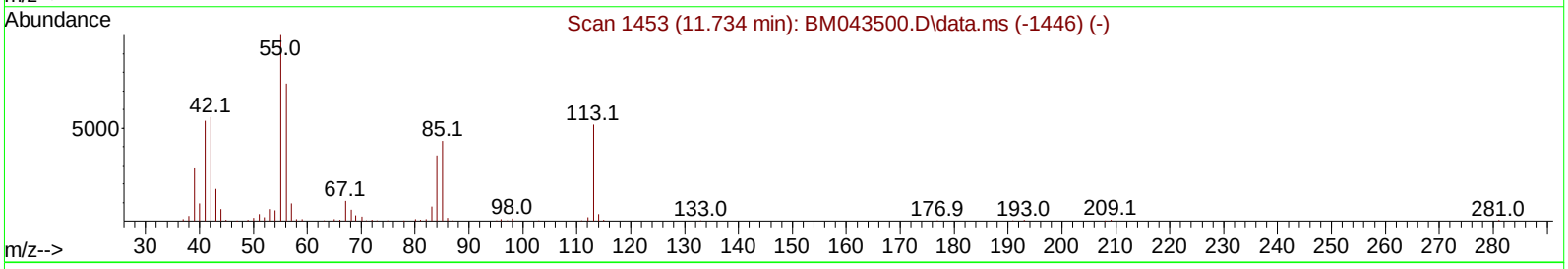

TIC: BM043510.D\data.ms

(34) Caprolactam

11.733min (-0.000) 26.96 ng/ul m

response 151176

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.10	197.29
56.00	139.30	143.80
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.975	152	236098	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	1024460	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	558457	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1104878	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	982947	20.000	ng/ul	0.00
88) Perylene-d12	23.950	264	1074724	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	40234	5.539	ng/uL	0.00
4) Pyridine-d5	3.793	84	570144	27.269	ng/ul	0.00
7) Phenol-d5	7.134	99	686308	25.553	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	441917	25.980	ng/ul	0.00
11) 2-Chlorophenol-d4	7.498	132	507421	24.744	ng/ul	0.00
15) 4-Methylphenol-d8	8.686	113	503343	24.151	ng/ul	0.00
21) Nitrobenzene-d5	9.145	128	244070	24.624	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	238572	23.295	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	446638	24.705	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	664122	24.970	ng/ul	0.00
46) Dimethylphthalate-d6	14.027	166	1253545	24.935	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	1539090	25.808	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	279047	29.327	ng/ul	0.00
60) Fluorene-d10	15.598	176	1087382	26.157	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	172130	23.556	ng/ul	0.00
73) Anthracene-d10	17.451	188	1581405	25.521	ng/ul	0.00
81) Pyrene-d10	19.739	212	1703567	21.952	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	1760082	26.539	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	82155	10.236	ng/uL	94
5) Pyridine	3.810	79	583018	26.965	ng/ul	96
6) Benzaldehyde	7.116	77	366409m	28.772	ng/ul	
8) Phenol	7.157	94	684743	25.914	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.404	93	552346	25.749	ng/ul	100
12) 2-Chlorophenol	7.534	128	524492	25.107	ng/ul	99
13) 2-Methylphenol	8.416	108	491848	24.514	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.504	45	923349	25.633	ng/ul	98
16) Acetophenone	8.804	105	793088	24.855	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.792	70	435331	22.858	ng/ul	97
18) 4-Methylphenol	8.751	108	532247	24.477	ng/ul	98
19) Hexachloroethane	9.045	117	220565	25.040	ng/ul	97
22) Nitrobenzene	9.186	77	639429	26.067	ng/ul	96
23) Isophorone	9.716	82	1160754	23.328	ng/ul	98
25) 2-Nitrophenol	9.898	139	264879	24.336	ng/ul	98
26) 2,4-Dimethylphenol	9.951	107	470570	24.270	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.204	93	708025	24.098	ng/ul	100
29) 2,4-Dichlorophenol	10.428	162	427130	24.345	ng/ul	97
30) Naphthalene	10.833	128	1621293	24.832	ng/ul	99
32) 4-Chloroaniline	10.951	127	600338	23.473	ng/ul	99
33) Hexachlorobutadiene	11.104	225	207384	23.183	ng/ul	97
34) Caprolactam	11.733	113	151176m	26.963	ng/ul	
35) 4-Chloro-3-methylphenol	12.063	107	501300	24.326	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.439	142	1051782	23.665	ng/ul	99
37) 1-Methylnaphthalene	12.657	142	1041780	23.240	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	395590	23.249	ng/ul	99
40) Hexachlorocyclopentadiene	12.769	237	208923	19.569	ng/ul	97
41) 2,4,6-Trichlorophenol	13.045	196	288550	23.857	ng/ul	96
42) 2,4,5-Trichlorophenol	13.110	196	313987	24.449	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1318116	24.761	ng/ul	100
44) 2-Chloronaphthalene	13.486	162	1029855	25.233	ng/ul	100
45) 2-Nitroaniline	13.698	65	371691	27.158	ng/ul	96
47) Dimethylphthalate	14.074	163	1260337	25.386	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	242110	25.224	ng/ul	91
50) Acenaphthylene	14.333	152	1755287	25.631	ng/ul	99
51) 3-Nitroaniline	14.521	138	272998	24.775	ng/ul	95
52) Acenaphthene	14.668	153	1143819	25.342	ng/ul	100
53) 2,4-Dinitrophenol	14.727	184	108760	21.285	ng/ul	88
55) 4-Nitrophenol	14.821	109	221265	29.948	ng/ul	94
56) Dibenzofuran	15.004	168	1477862	25.353	ng/ul	98
57) 2,4-Dinitrotoluene	14.980	165	367905	27.130	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.227	232	236741	24.061	ng/ul	92
59) Diethylphthalate	15.433	149	1351177	26.557	ng/ul	98
61) Fluorene	15.651	166	1290845	25.921	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.651	204	533428	24.352	ng/ul	96
63) 4-Nitroaniline	15.686	138	303663	30.108	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.739	198	182250	23.361	ng/ul	99
67) N-Nitrosodiphenylamine	15.868	169	1039805	24.502	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	292635	22.356	ng/ul	94
69) Hexachlorobenzene	16.645	284	359295	23.959	ng/ul	94
70) Atrazine	16.821	200	302810	32.552	ng/ul	96
71) Pentachlorophenol	16.998	266	209748	23.135	ng/ul	98
72) Phenanthrene	17.392	178	1926385	25.725	ng/ul	100
74) Anthracene	17.486	178	1955417	25.874	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	392656	21.640	ng/uL	99
76) Pentachlorobenzene	14.915	250	386728	21.888	ng/uL	99
77) Carbazole	17.762	167	1895384	29.385	ng/ul	100
78) Di-n-butylphthalate	18.327	149	2363458	28.028	ng/ul	100
80) Fluoranthene	19.403	202	2050771	21.340	ng/ul	97
82) Pyrene	19.768	202	2213996	22.410	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1061821	24.859	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.456	252	651245	26.901	ng/ul	97
85) Benzo(a)anthracene	21.515	228	2122931	25.828	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	1662052	27.332	ng/ul	99
87) Chrysene	21.568	228	1952621	26.407	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	2703280	26.294	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	2100888	25.509	ng/ul	100
91) Benzo(k)fluoranthene	23.262	252	2104915	26.205	ng/ul	99
93) Benzo(a)pyrene	23.844	252	1990749	26.494	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	2508279	27.957	ng/ul	98
95) Dibenzo(a,h)anthracene	26.491	278	2107205	28.363	ng/ul	98
96) Benzo(g,h,i)perylene	27.238	276	1959672	27.864	ng/ul	99

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

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