Quantitation Report (Qedit)

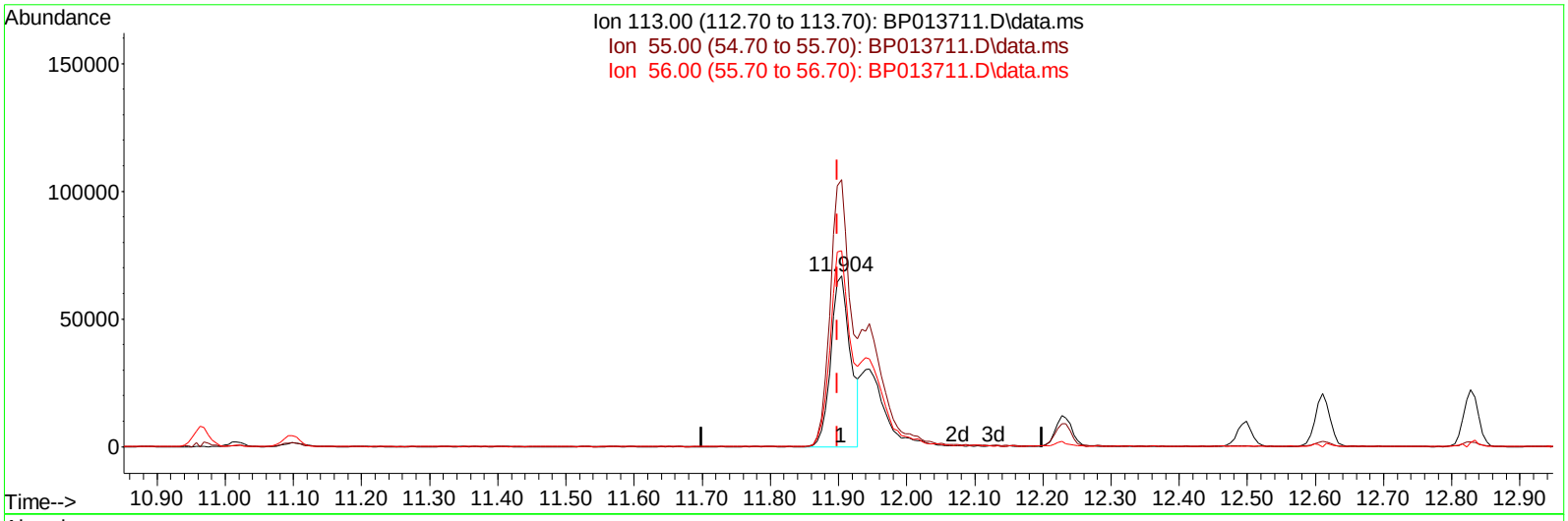
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013711.D
Acq On : 02 Feb 2023 16:02
Operator : CG/JU
Sample : PB150531BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

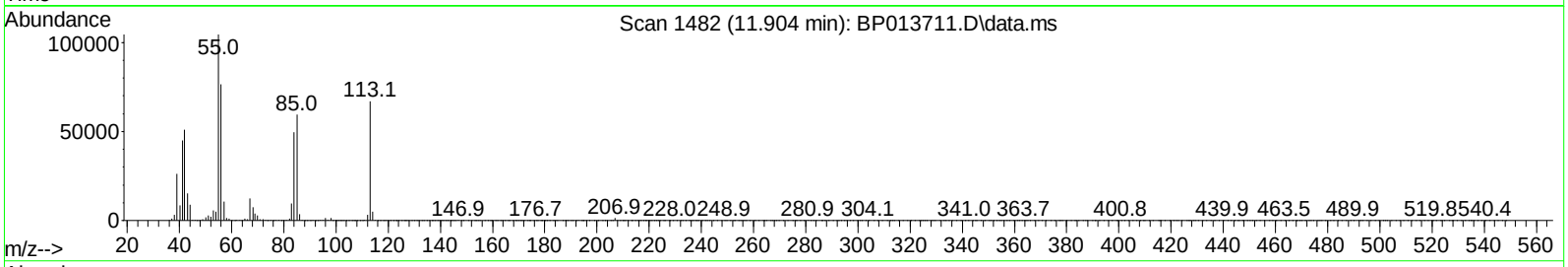
Quant Time: Feb 02 17:37:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 00:55:26 2023
Response via : Initial Calibration

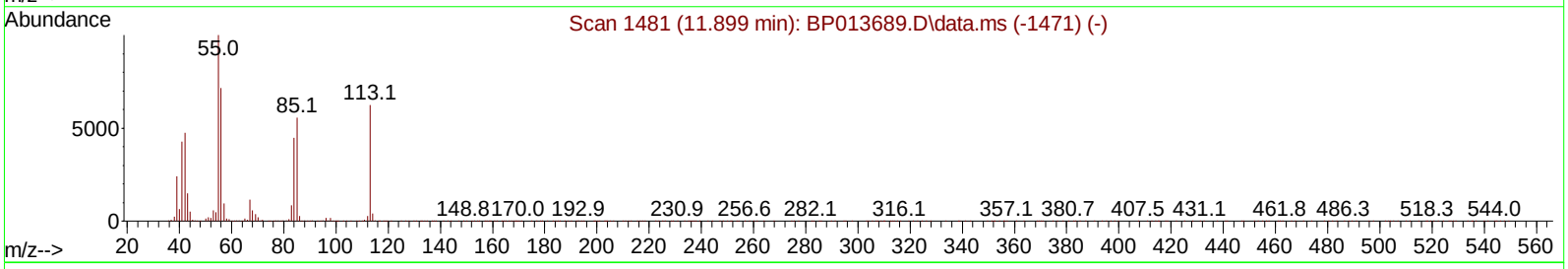
Instrument :
BNA_P
ClientSampleId :
SLCS531

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023







TIC: BP013711.D\data.ms

(34) Caprolactam

11.904min (+ 0.006) 19.59 ng/ul

response 134791

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	160.50	156.28
56.00	115.20	114.64
0.00	0.00	0.00

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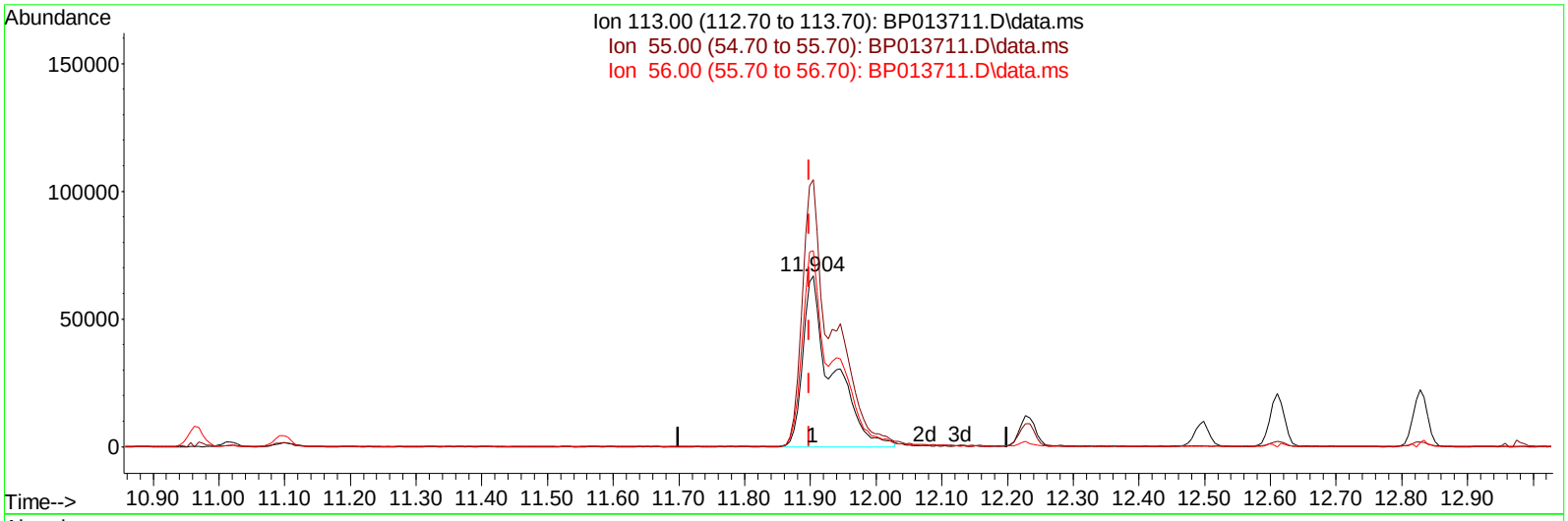

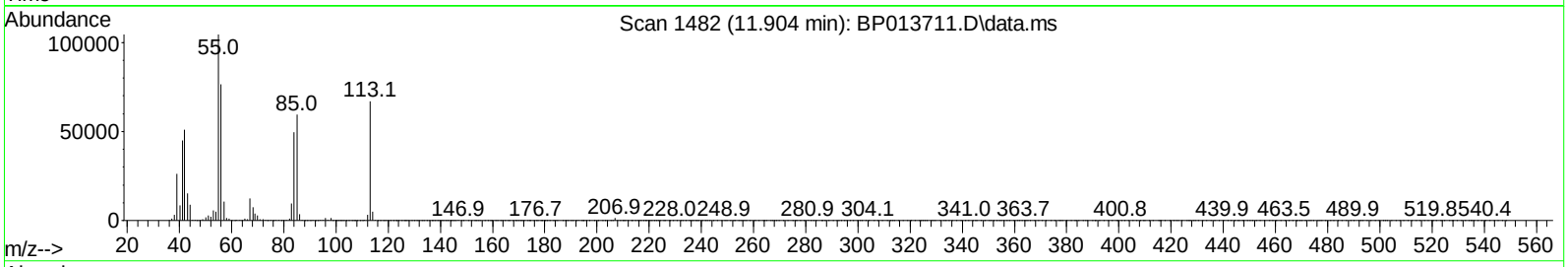

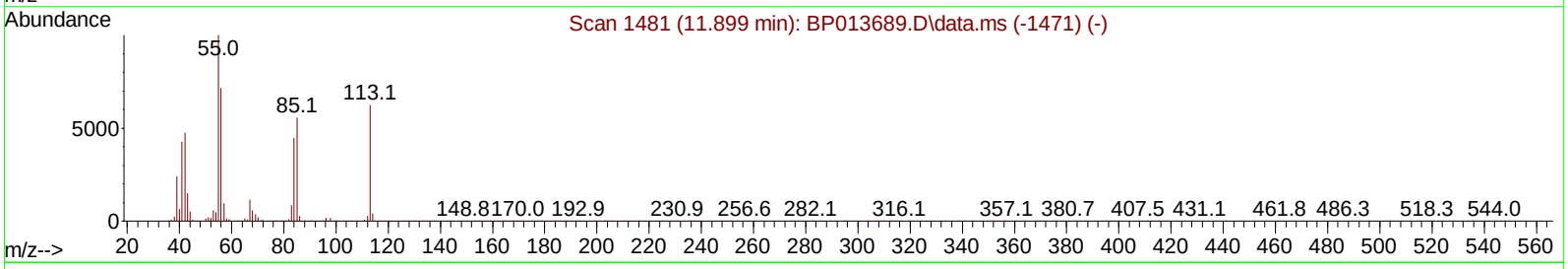

TIC: BP013711.D\data.ms

(34) Caprolactam

11.904min (+ 0.006) 30.42 ng/ul m

response 209280

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	160.50	156.28
56.00	115.20	114.64
0.00	0.00	0.00

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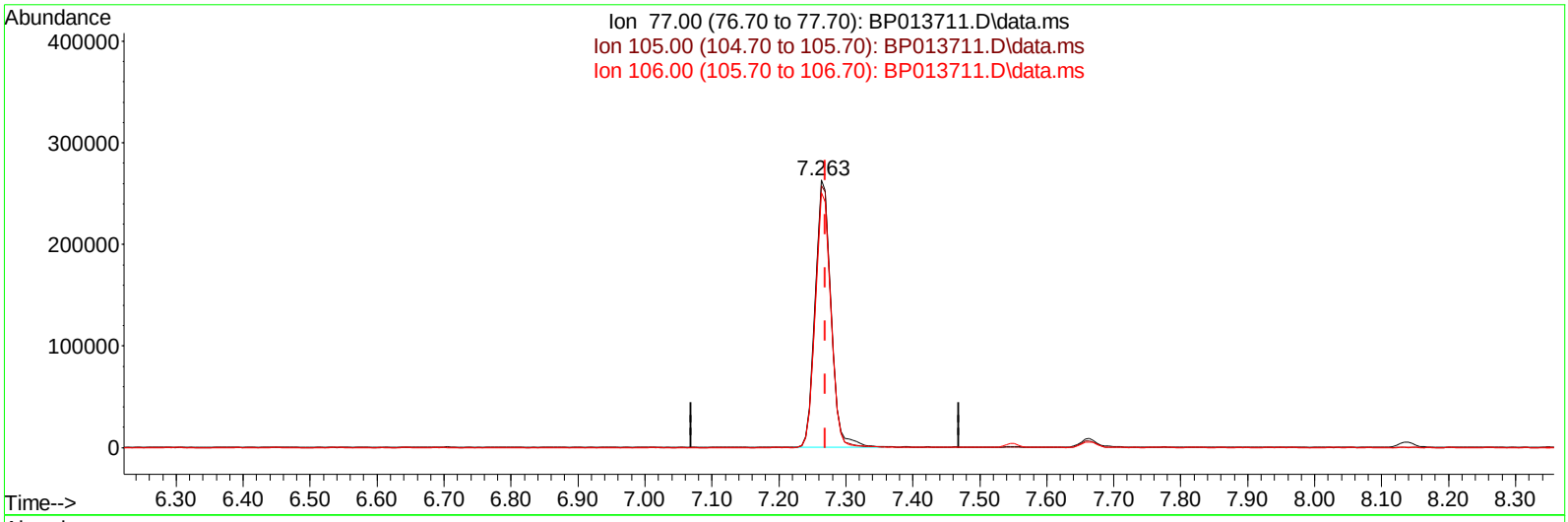

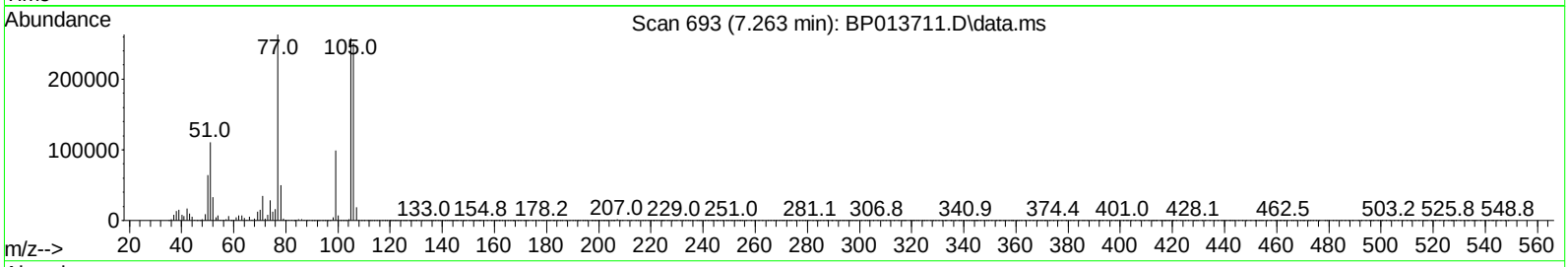

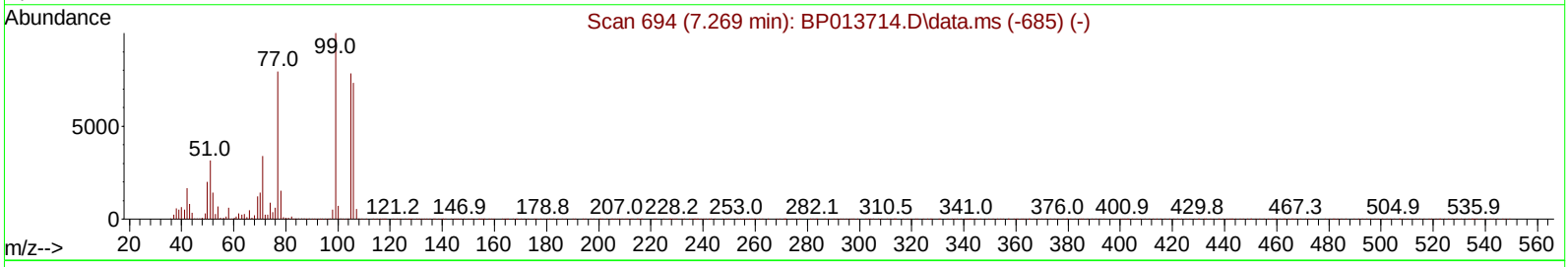

TIC: BP013711.D\data.ms

(6) Benzaldehyde

7.263min (-0.006) 44.50 ng/ul

response 433114

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.80	98.05
106.00	93.70	95.28
0.00	0.00	0.00

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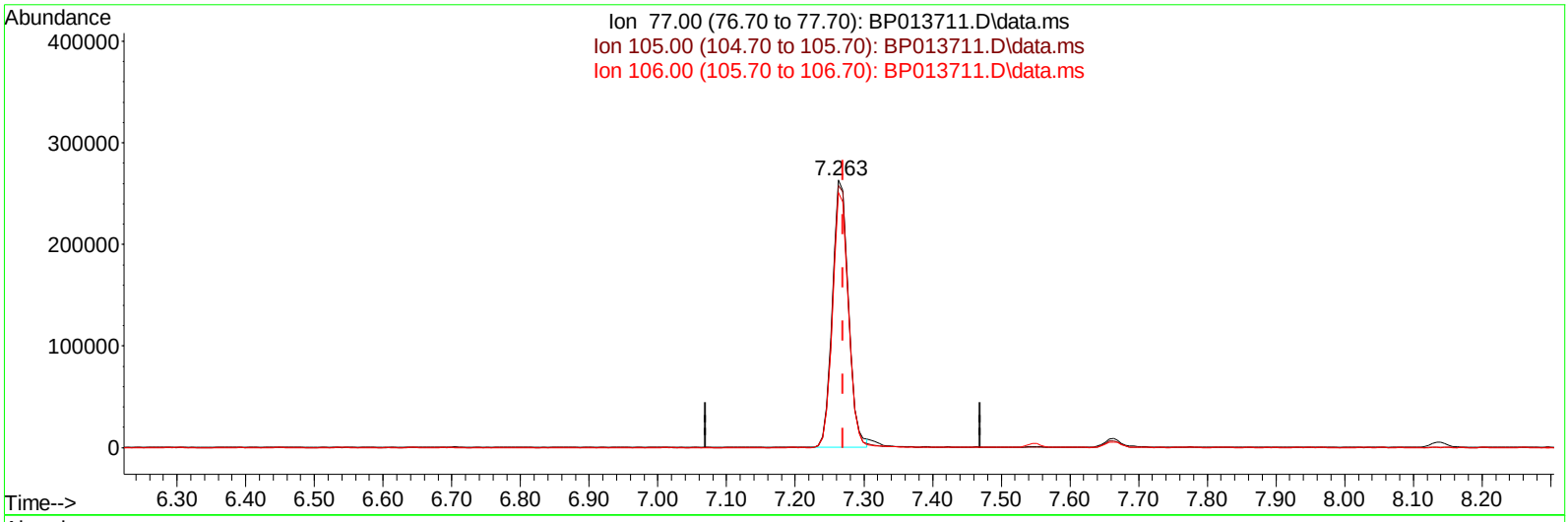

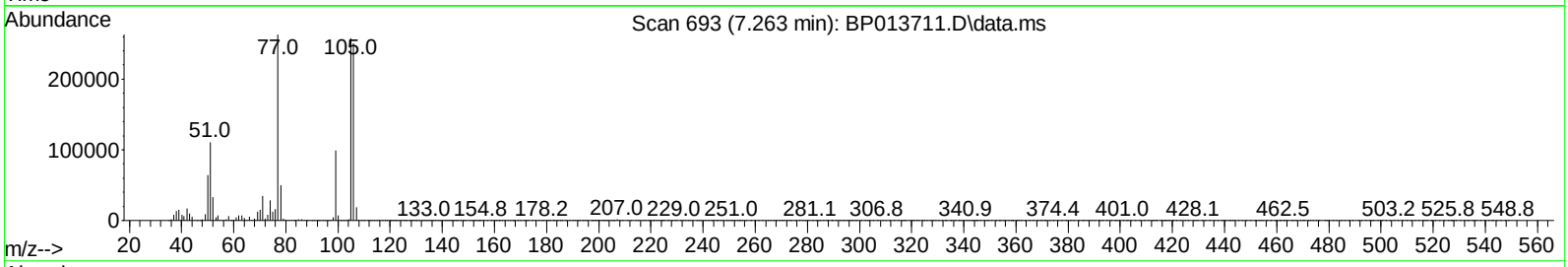

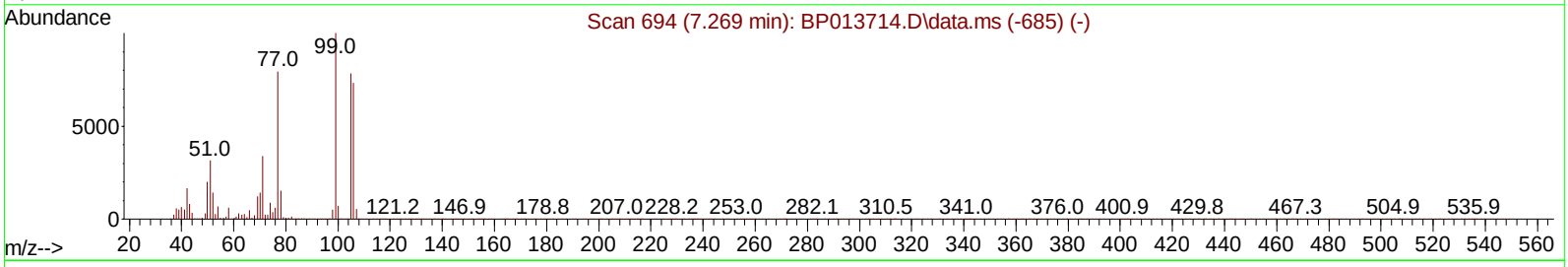

TIC: BP013711.D\data.ms

(6) Benzaldehyde

7.263min (-0.006) 43.80 ng/ul m

response 426277

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.80	98.05
106.00	93.70	95.28
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	8.134	152	276185	20.000	ng/ul	0.00
20) Naphthalene-d8	10.963	136	1209318	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.775	164	876548	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.527	188	2105006	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	2142598	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	2183395	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	38423	5.898	ng/uL	0.00
4) Pyridine-d5	3.911	84	578128	30.931	ng/ul	0.00
7) Phenol-d5	7.281	99	781432	32.193	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	446641	31.373	ng/ul	0.00
11) 2-Chlorophenol-d4	7.663	132	571479	32.117	ng/ul	0.00
15) 4-Methylphenol-d8	8.846	113	615794	31.823	ng/ul	0.00
21) Nitrobenzene-d5	9.310	128	255685	33.143	ng/ul	0.00
24) 2-Nitrophenol-d4	10.040	143	304795	33.902	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	668558	31.799	ng/ul	0.00
31) 4-Chloroaniline-d4	11.098	131	785362	28.284	ng/ul	0.00
46) Dimethylphthalate-d6	14.175	166	2119469	30.675	ng/ul	0.00
49) Acenaphthylene-d8	14.469	160	2350962	30.796	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	370586	31.820	ng/ul	0.00
60) Fluorene-d10	15.763	176	1857298	31.186	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	374977	31.788	ng/ul	0.00
73) Anthracene-d10	17.627	188	3027874	30.859	ng/ul	0.00
81) Pyrene-d10	19.845	212	3806445	31.853	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	3588941	32.199	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.516	88	78086	11.503	ng/uL#	95
5) Pyridine	3.928	79	565277	30.035	ng/ul	99
6) Benzaldehyde	7.263	77	426277m	43.799	ng/ul	
8) Phenol	7.310	94	787763	31.712	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.546	93	616055	30.862	ng/ul	97
12) 2-Chlorophenol	7.693	128	577934	32.059	ng/ul	99
13) 2-Methylphenol	8.575	108	594234	31.330	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.669	45	739734	31.299	ng/ul	99
16) Acetophenone	8.969	105	953604	31.611	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.951	70	488718	32.341	ng/ul	99
18) 4-Methylphenol	8.910	108	664902	32.279	ng/ul	96
19) Hexachloroethane	9.234	117	219068	31.046	ng/ul	95
22) Nitrobenzene	9.351	77	674154	32.354	ng/ul	99
23) Isophorone	9.881	82	1446667	30.326	ng/ul	99
25) 2-Nitrophenol	10.069	139	328180	32.991	ng/ul	97
26) 2,4-Dimethylphenol	10.122	107	690838	30.737	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.363	93	882232	30.516	ng/ul	99
29) 2,4-Dichlorophenol	10.604	162	639906	31.450	ng/ul	98
30) Naphthalene	11.016	128	1927893	30.163	ng/ul	99
32) 4-Chloroaniline	11.122	127	788015	28.198	ng/ul	98
33) Hexachlorobutadiene	11.298	225	429551	29.934	ng/ul	98
34) Caprolactam	11.904	113	209280m	30.420	ng/ul	
35) 4-Chloro-3-methylphenol	12.228	107	684924	31.429	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.610	142	1379666	30.325	ng/ul	99
37) 1-Methylnaphthalene	12.828	142	1411985	30.729	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.975	216	893219	30.849	ng/ul	100
40) Hexachlorocyclopentadiene	12.951	237	473955	29.113	ng/ul	100
41) 2,4,6-Trichlorophenol	13.210	196	595920	31.069	ng/ul	98
42) 2,4,5-Trichlorophenol	13.281	196	641905	30.708	ng/ul	99
43) 1,1'-Biphenyl	13.610	154	1916429	28.876	ng/ul	99
44) 2-Chloronaphthalene	13.651	162	1525904	29.062	ng/ul	99
45) 2-Nitroaniline	13.851	65	357792	35.798	ng/ul	96
47) Dimethylphthalate	14.222	163	2057892	30.232	ng/ul	100
48) 2,6-Dinitrotoluene	14.345	165	360770	37.189	ng/ul	96
50) Acenaphthylene	14.498	152	2442868	30.347	ng/ul	99
51) 3-Nitroaniline	14.675	138	362579	35.360	ng/ul	99
52) Acenaphthene	14.839	153	1684161	30.444	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	223758	29.697	ng/ul	99
55) 4-Nitrophenol	14.975	109	271242	30.553	ng/ul	97
56) Dibenzofuran	15.169	168	2463724	30.661	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	555512	36.459	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.392	232	618231	31.469	ng/ul	97
59) Diethylphthalate	15.581	149	2000553	30.613	ng/ul	100
61) Fluorene	15.822	166	2008383	30.713	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.810	204	1104902	31.013	ng/ul	97
63) 4-Nitroaniline	15.839	138	379488	39.526	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.892	198	373460	31.811	ng/ul	97
67) N-Nitrosodiphenylamine	16.022	169	1761251	30.999	ng/ul	100
68) 4-Bromophenyl-phenylether	16.704	248	717112	29.943	ng/ul	98
69) Hexachlorobenzene	16.828	284	862241	30.688	ng/ul	98
70) Atrazine	16.975	200	705180	30.838	ng/ul	100
71) Pentachlorophenol	17.169	266	539496	30.083	ng/ul	100
72) Phenanthrene	17.569	178	3432210	30.867	ng/ul	100
74) Anthracene	17.663	178	3412211	30.298	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	853687	28.467	ng/uL	98
76) Pentachlorobenzene	15.086	250	933702	30.370	ng/uL	99
77) Carbazole	17.922	167	3079534	31.520	ng/ul	100
78) Di-n-butylphthalate	18.457	149	3497179	30.294	ng/ul	100
80) Fluoranthene	19.521	202	4334041	31.116	ng/ul	99
82) Pyrene	19.874	202	4468620	31.379	ng/ul	99
83) Butylbenzylphthalate	20.727	149	1415173	34.589	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.510	252	1482294	30.459	ng/ul	99
85) Benzo(a)anthracene	21.592	228	4527246	30.735	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	2329980	33.216	ng/ul	99
87) Chrysene	21.645	228	4265314	30.756	ng/ul	99
89) Di-n-octyl phthalate	22.468	149	3844099	33.423	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	4650469	32.628	ng/ul	100
91) Benzo(k)fluoranthene	23.439	252	4437629	32.576	ng/ul	99
93) Benzo(a)pyrene	24.068	252	3927026	31.914	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.898	276	4397290	28.843	ng/ul	99
95) Dibenzo(a,h)anthracene	26.921	278	3678654	29.106	ng/ul	100
96) Benzo(g,h,i)perylene	27.739	276	3418717	28.346	ng/ul	100

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

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