Quantitation Report (Qedit)

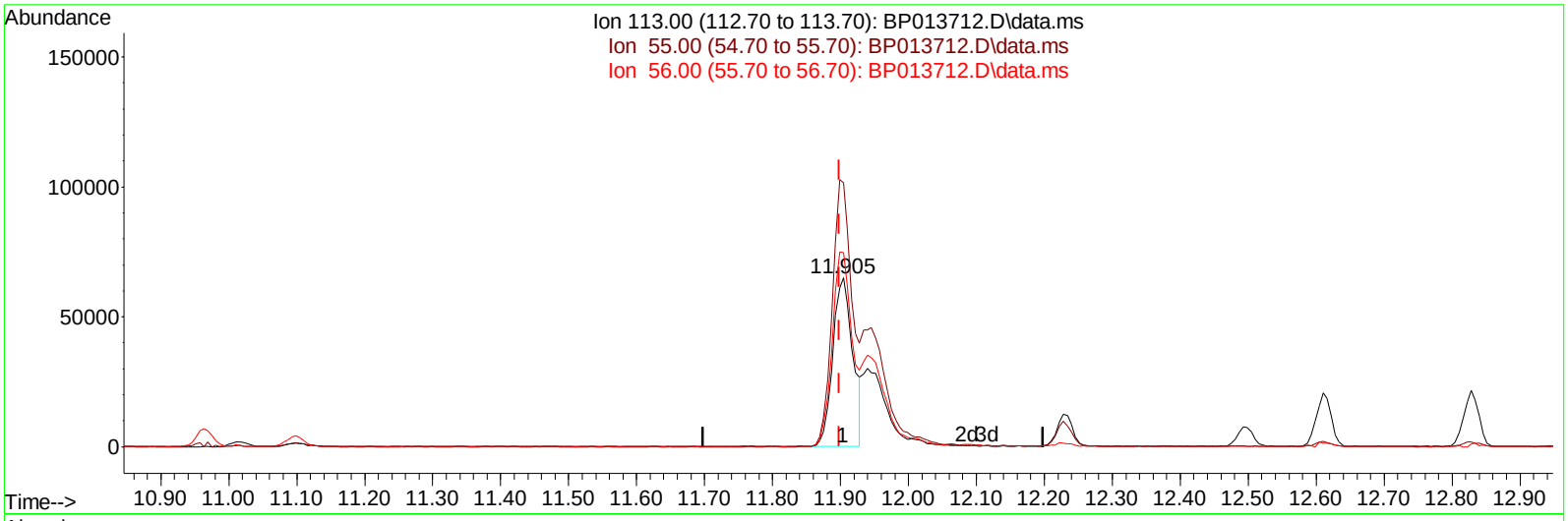
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013712.D
Acq On : 02 Feb 2023 16:36
Operator : CG/JU
Sample : PB150546BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

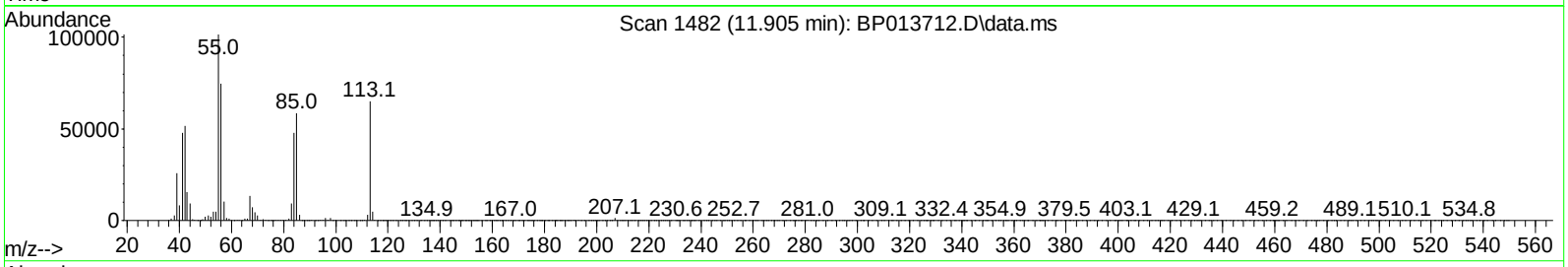
Quant Time: Feb 02 17:42:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 00:55:26 2023
Response via : Initial Calibration

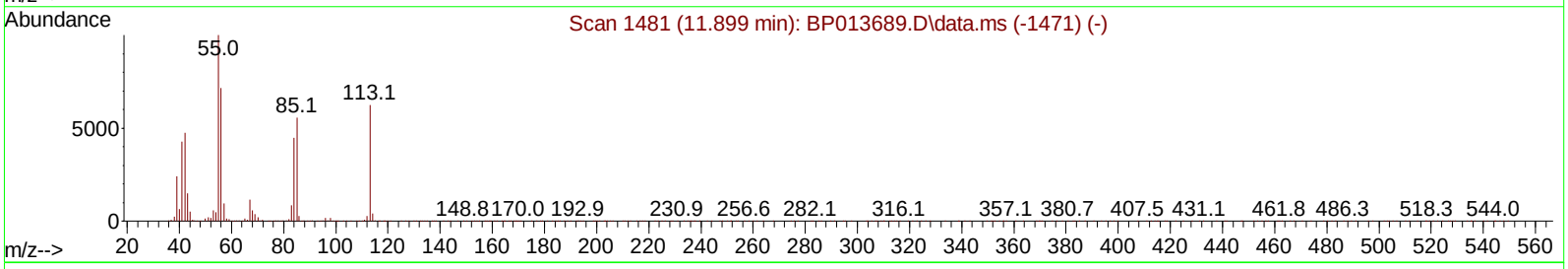
Instrument :
BNA_P
ClientSampleId :
SLCS546

Manual IntegrationsAPPROVED

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







TIC: BP013712.D\data.ms

(34) Caprolactam

11.905min (+ 0.006) 21.37 ng/ul

response 133302

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	160.50	156.16
56.00	115.20	115.10
0.00	0.00	0.00

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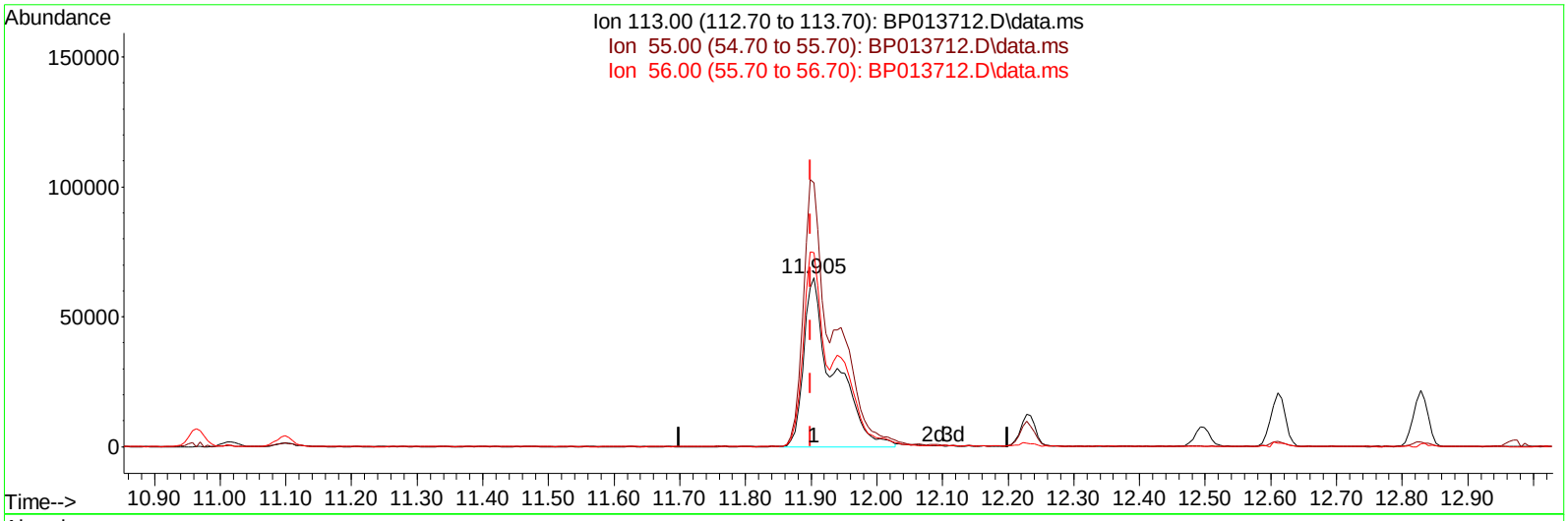

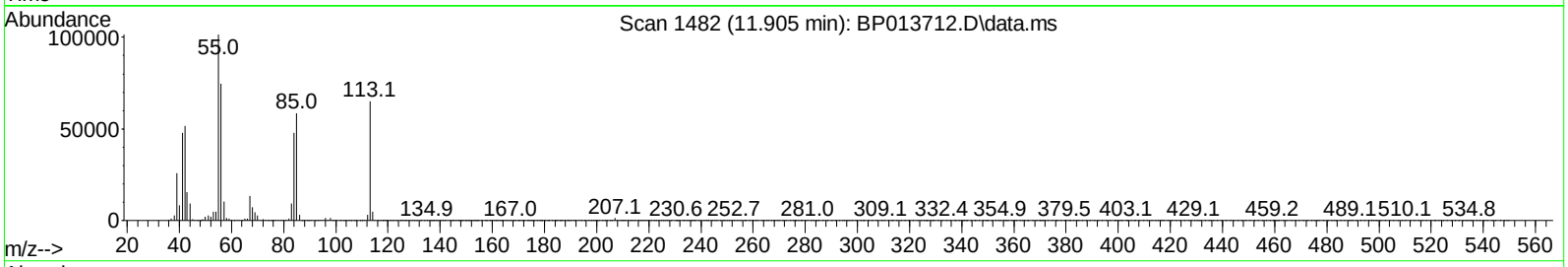

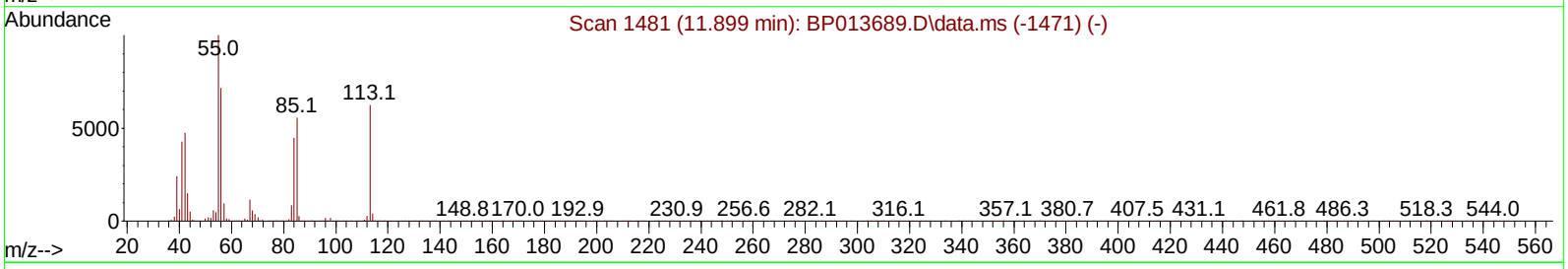

TIC: BP013712.D\data.ms

(34) Caprolactam

11.905min (+ 0.006) 33.38 ng/ul m

response 208224

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	160.50	156.16
56.00	115.20	115.10
0.00	0.00	0.00

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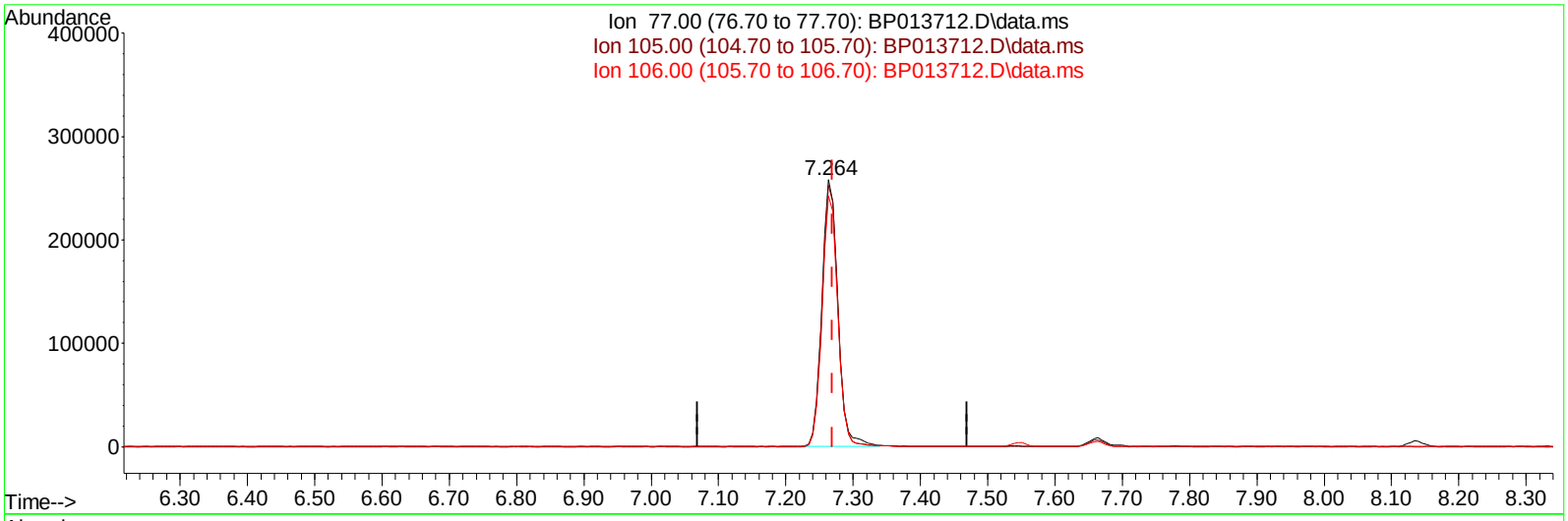

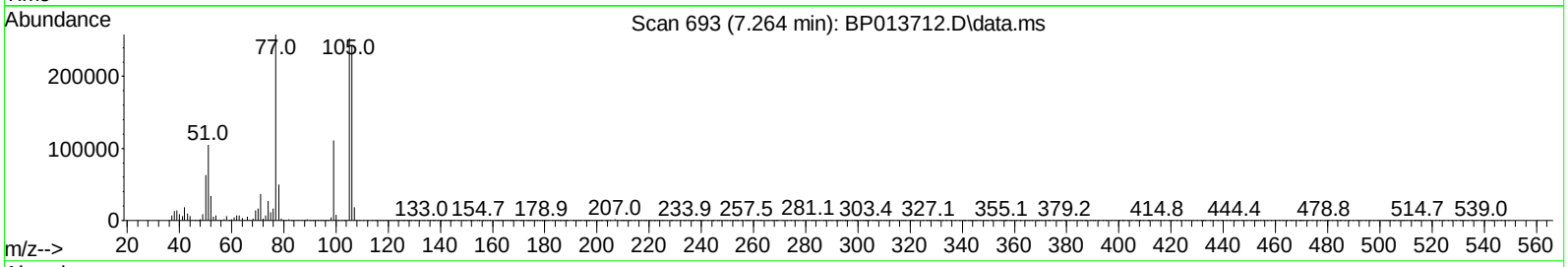

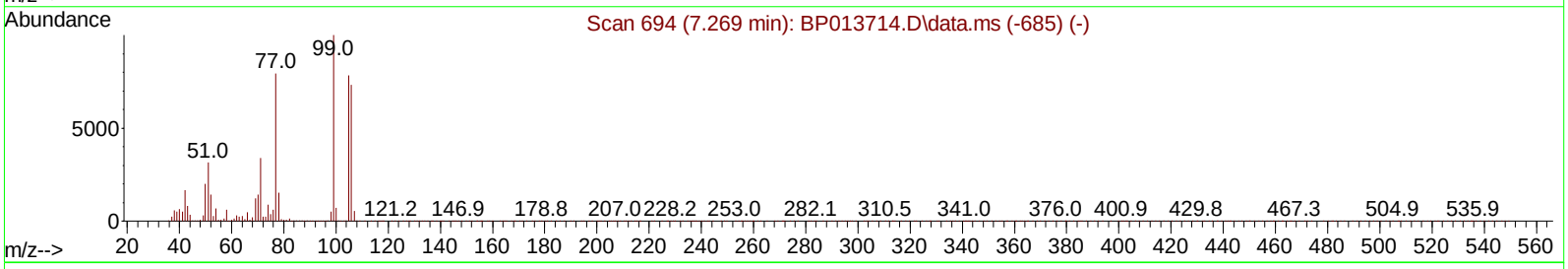

TIC: BP013712.D\data.ms

(6) Benzaldehyde

7.264min (-0.006) 47.88 ng/ul

response 425443

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.80	97.89
106.00	93.70	93.93
0.00	0.00	0.00

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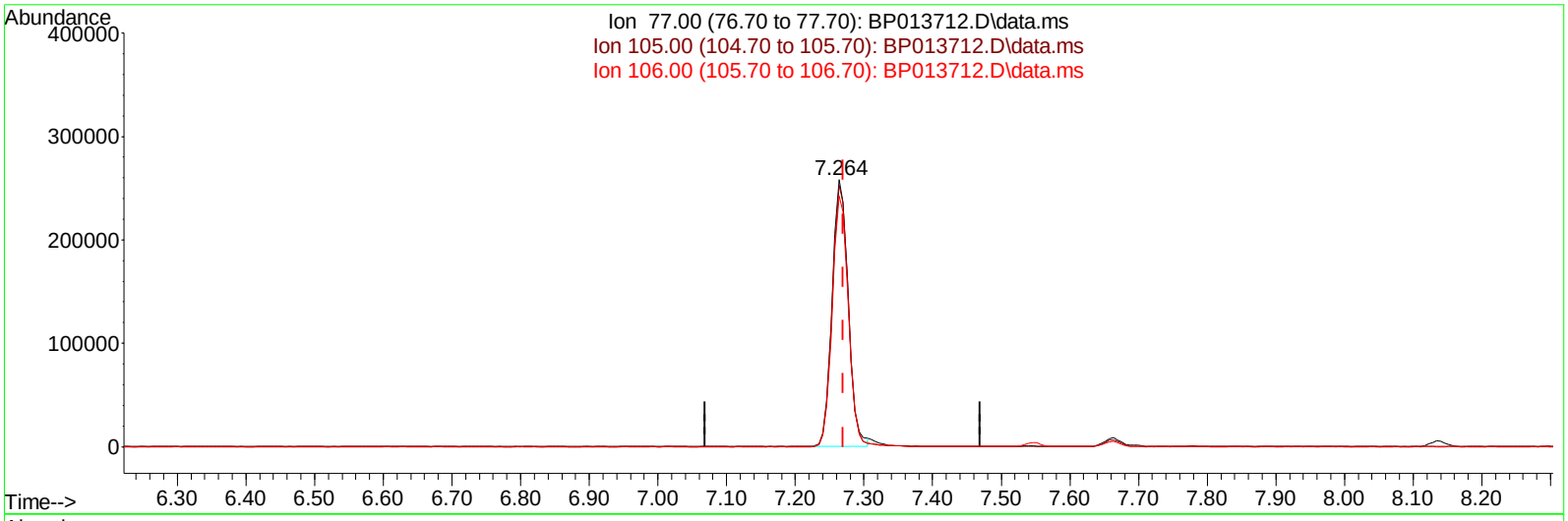

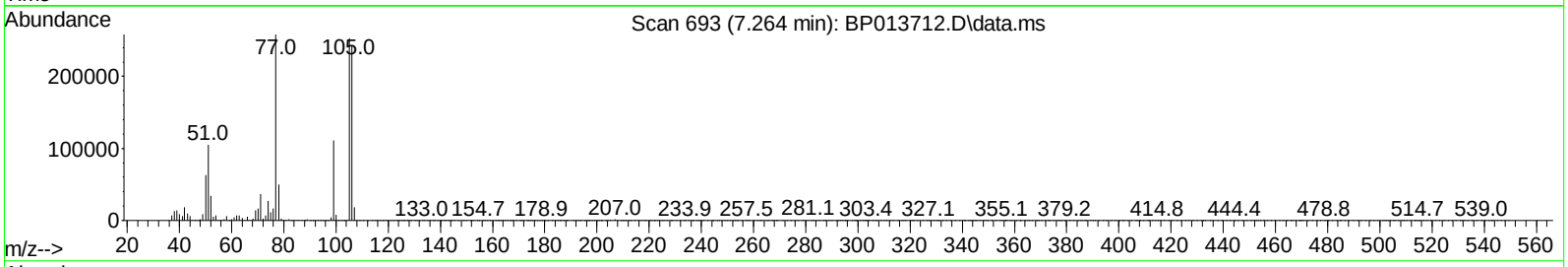

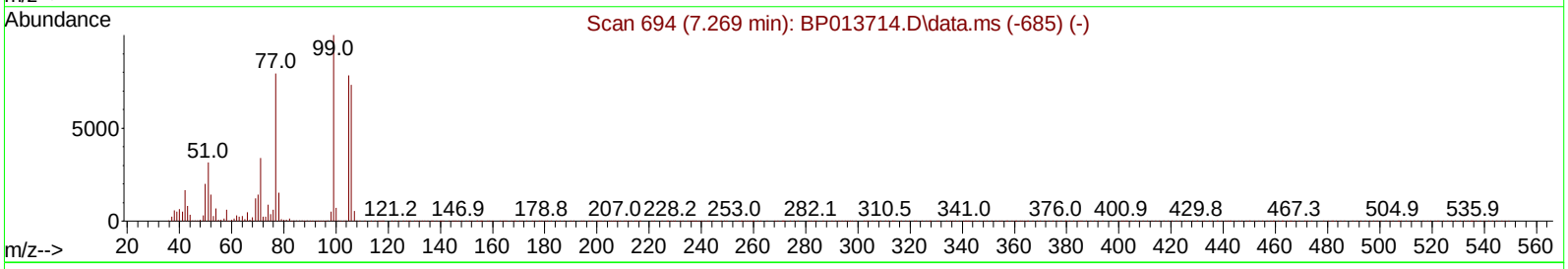

TIC: BP013712.D\data.ms

(6) Benzaldehyde

7.264min (-0.006) 47.24 ng/ul m

response 419741

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.80	97.89
106.00	93.70	93.93
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	252145	20.000	ng/ul	0.00
20) Naphthalene-d8	10.963	136	1096600	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.775	164	792351	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.528	188	1932580	20.000	ng/ul	0.00
79) Chrysene-d12	21.610	240	1948830	20.000	ng/ul	0.00
88) Perylene-d12	24.186	264	2105513	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.476	96	34250	5.759	ng/uL	0.00
4) Pyridine-d5	3.911	84	521894	30.584	ng/ul	0.00
7) Phenol-d5	7.281	99	728887	32.891	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	418472	32.197	ng/ul	0.00
11) 2-Chlorophenol-d4	7.664	132	536928	33.052	ng/ul	0.00
15) 4-Methylphenol-d8	8.846	113	580690	32.870	ng/ul	0.00
21) Nitrobenzene-d5	9.311	128	242285	34.634	ng/ul	0.00
24) 2-Nitrophenol-d4	10.040	143	290052	35.578	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	635793	33.349	ng/ul	0.00
31) 4-Chloroaniline-d4	11.099	131	727896	28.909	ng/ul	0.00
46) Dimethylphthalate-d6	14.175	166	2007519	32.142	ng/ul	0.00
49) Acenaphthylene-d8	14.469	160	2216185	32.115	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	355970	33.813	ng/ul	0.00
60) Fluorene-d10	15.763	176	1779741	33.059	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	372305	34.377	ng/ul	0.00
73) Anthracene-d10	17.628	188	2883116	32.005	ng/ul	0.00
81) Pyrene-d10	19.845	212	3691207	33.960	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.016	264	3617979	33.661	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	76367	12.322	ng/uL	97
5) Pyridine	3.928	79	547950	31.890	ng/ul	99
6) Benzaldehyde	7.264	77	419741m	47.239	ng/ul	
8) Phenol	7.311	94	777120	34.266	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.546	93	608316	33.379	ng/ul	96
12) 2-Chlorophenol	7.693	128	567554	34.485	ng/ul	100
13) 2-Methylphenol	8.575	108	585925	33.838	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.663	45	725581	33.627	ng/ul	99
16) Acetophenone	8.969	105	943898	34.273	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.952	70	480801	34.850	ng/ul	98
18) 4-Methylphenol	8.905	108	654778	34.818	ng/ul	100
19) Hexachloroethane	9.228	117	214534	33.302	ng/ul	97
22) Nitrobenzene	9.352	77	668549	35.384	ng/ul	98
23) Isophorone	9.881	82	1433634	33.142	ng/ul	100
25) 2-Nitrophenol	10.069	139	328554	36.423	ng/ul	96
26) 2,4-Dimethylphenol	10.122	107	643618	31.579	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.358	93	865515	33.015	ng/ul	99
29) 2,4-Dichlorophenol	10.605	162	637577	34.556	ng/ul	99
30) Naphthalene	11.016	128	1908107	32.922	ng/ul	99
32) 4-Chloroaniline	11.122	127	790173	31.182	ng/ul	100
33) Hexachlorobutadiene	11.299	225	434140	33.363	ng/ul	98
34) Caprolactam	11.905	113	208224m	33.378	ng/ul	
35) 4-Chloro-3-methylphenol	12.228	107	685214	34.674	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.610	142	1382475	33.510	ng/ul	98
37)	1-Methylnaphthalene	12.828	142	1374797	32.995	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.975	216	903580	34.523	ng/ul	99
40)	Hexachlorocyclopentadiene	12.951	237	453989	30.850	ng/ul	97
41)	2,4,6-Trichlorophenol	13.210	196	591396	34.109	ng/ul	99
42)	2,4,5-Trichlorophenol	13.281	196	644563	34.112	ng/ul	98
43)	1,1'-Biphenyl	13.610	154	1888085	31.472	ng/ul	99
44)	2-Chloronaphthalene	13.651	162	1509397	31.802	ng/ul	99
45)	2-Nitroaniline	13.851	65	363995	40.289	ng/ul	96
47)	Dimethylphthalate	14.222	163	2058718	33.457	ng/ul	100
48)	2,6-Dinitrotoluene	14.346	165	370308	42.228	ng/ul	96
50)	Acenaphthylene	14.498	152	2424676	33.322	ng/ul	100
51)	3-Nitroaniline	14.675	138	364962	39.375	ng/ul	99
52)	Acenaphthene	14.840	153	1672314	33.443	ng/ul	100
53)	2,4-Dinitrophenol	14.875	184	231892	34.047	ng/ul	97
55)	4-Nitrophenol	14.975	109	279479	34.825	ng/ul	96
56)	Dibenzofuran	15.169	168	2472818	34.044	ng/ul	98
57)	2,4-Dinitrotoluene	15.128	165	573839	41.663	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.393	232	627076	35.311	ng/ul	98
59)	Diethylphthalate	15.581	149	2029438	34.355	ng/ul	99
61)	Fluorene	15.822	166	2004761	33.915	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.810	204	1110760	34.491	ng/ul	98
63)	4-Nitroaniline	15.840	138	384846	44.343	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.893	198	385574	35.773	ng/ul	98
67)	N-Nitrosodiphenylamine	16.022	169	1770959	33.950	ng/ul	99
68)	4-Bromophenyl-phenylether	16.710	248	726292	33.032	ng/ul	98
69)	Hexachlorobenzene	16.828	284	878391	34.052	ng/ul	97
70)	Atrazine	16.975	200	696265	33.165	ng/ul	98
71)	Pentachlorophenol	17.169	266	551743	33.510	ng/ul	99
72)	Phenanthrene	17.569	178	3443659	33.734	ng/ul	100
74)	Anthracene	17.663	178	3428538	33.160	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.575	216	876336	31.829	ng/uL	99
76)	Pentachlorobenzene	15.087	250	951229	33.700	ng/uL	99
77)	Carbazole	17.922	167	3106501	34.632	ng/ul	99
78)	Di-n-butylphthalate	18.457	149	3542359	33.423	ng/ul	100
80)	Fluoranthene	19.522	202	4430487	34.971	ng/ul	100
82)	Pyrene	19.875	202	4560191	35.206	ng/ul	100
83)	Butylbenzylphthalate	20.728	149	1431155	38.457	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.510	252	1572685	35.530	ng/ul	98
85)	Benzo(a)anthracene	21.592	228	4617606	34.465	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.486	149	2304627	36.121	ng/ul	99
87)	Chrysene	21.645	228	4359164	34.558	ng/ul	99
89)	Di-n-octyl phthalate	22.469	149	3951485	35.627	ng/ul	100
90)	Benzo(b)fluoranthene	23.386	252	4854970	35.322	ng/ul	100
91)	Benzo(k)fluoranthene	23.445	252	4672919	35.572	ng/ul	99
93)	Benzo(a)pyrene	24.069	252	4122738	34.744	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.904	276	4668154	31.753	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.921	278	3973088	32.599	ng/ul	100
96)	Benzo(g,h,i)perylene	27.739	276	3765409	32.375	ng/ul	99

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

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