Quantitation Report (Qedit)

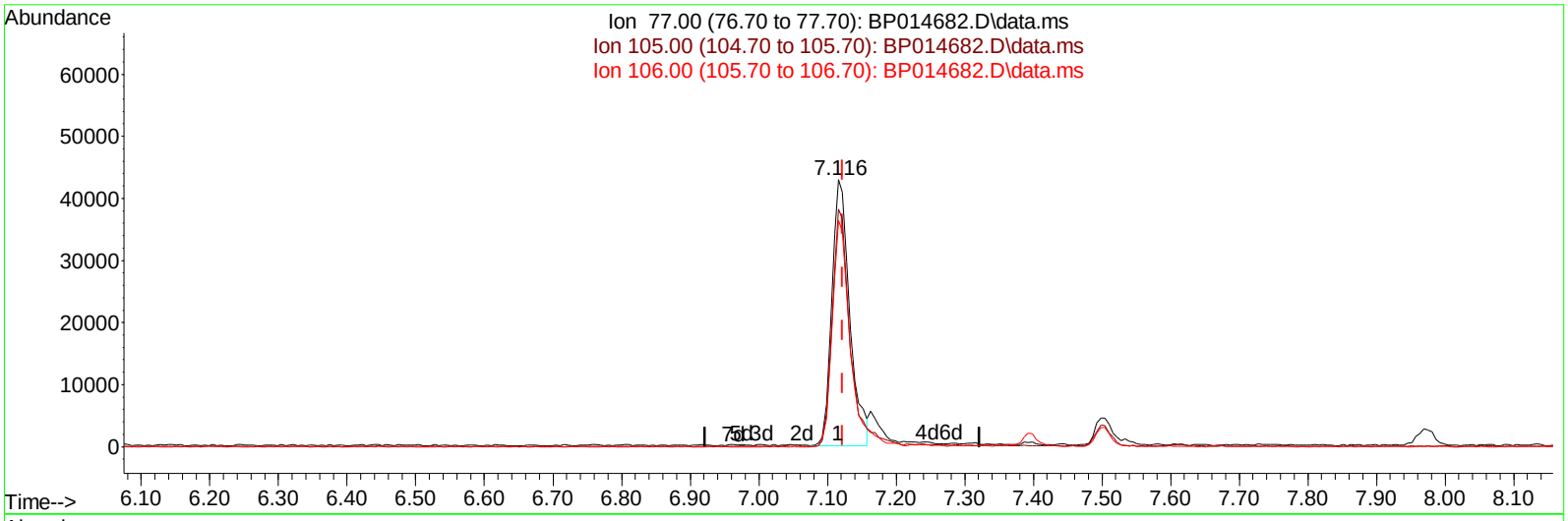
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041223\
Data File : BP014682.D
Acq On : 12 Apr 2023 20:07
Operator : CG/JU
Sample : PB152055BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

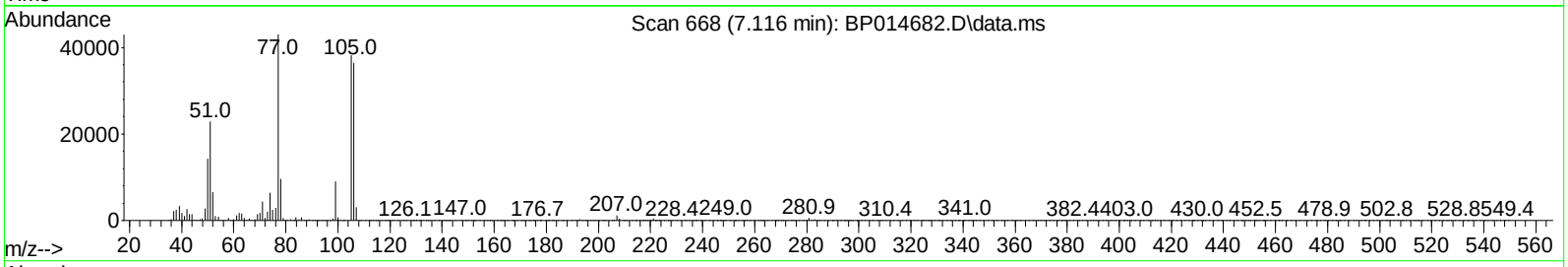
Quant Time: Apr 13 00:51:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 11 01:21:43 2023
Response via : Initial Calibration

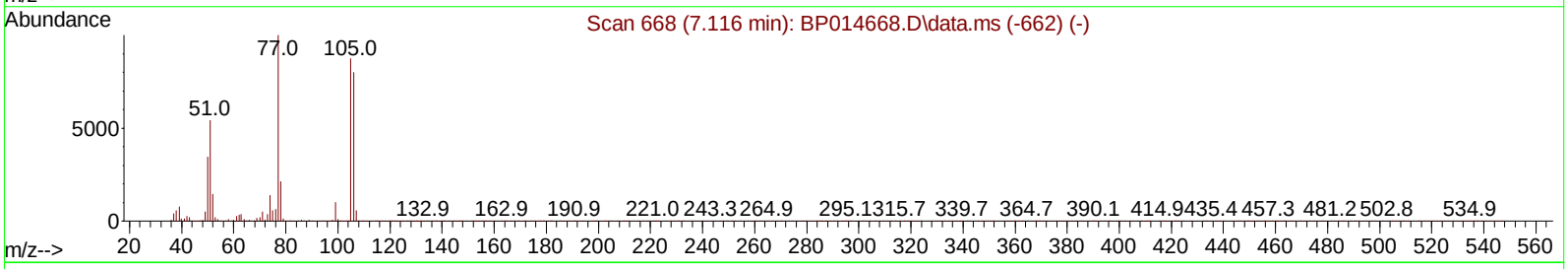
Instrument :
BNA_P
ClientSampleId :
SLCS055

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023







TIC: BP014682.D\data.ms

(6) Benzaldehyde

7.116min (-0.006) 17.38 ng/ul

response 77769

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.20	88.95
106.00	83.10	84.76
0.00	0.00	0.00

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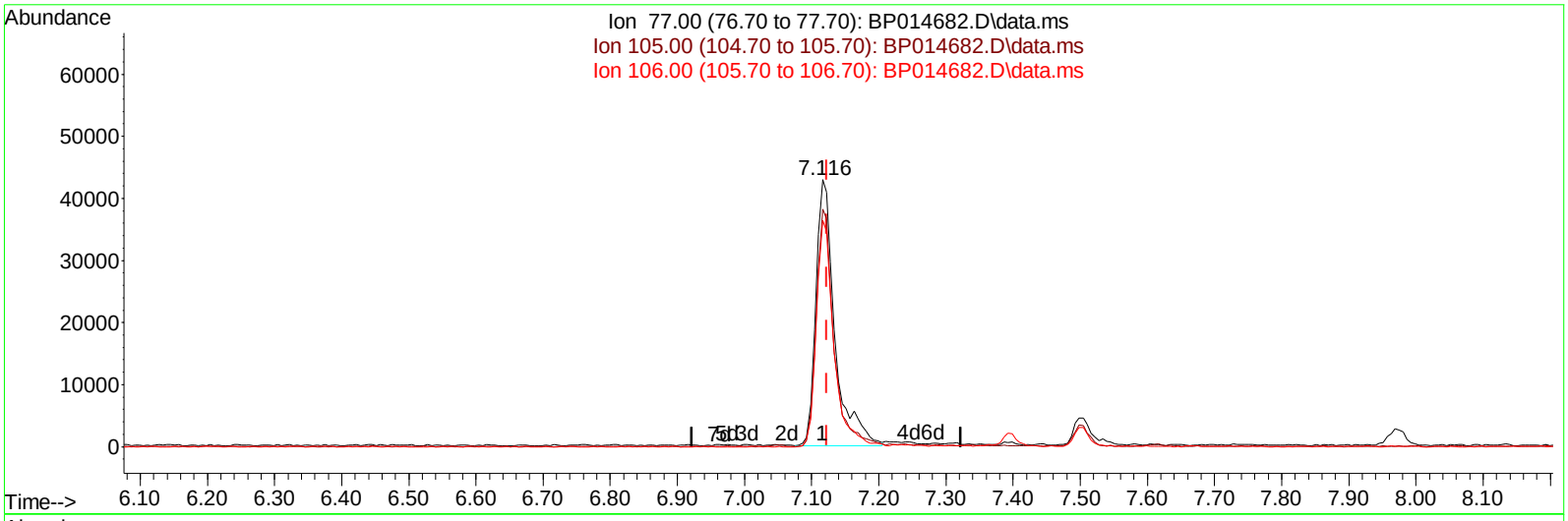

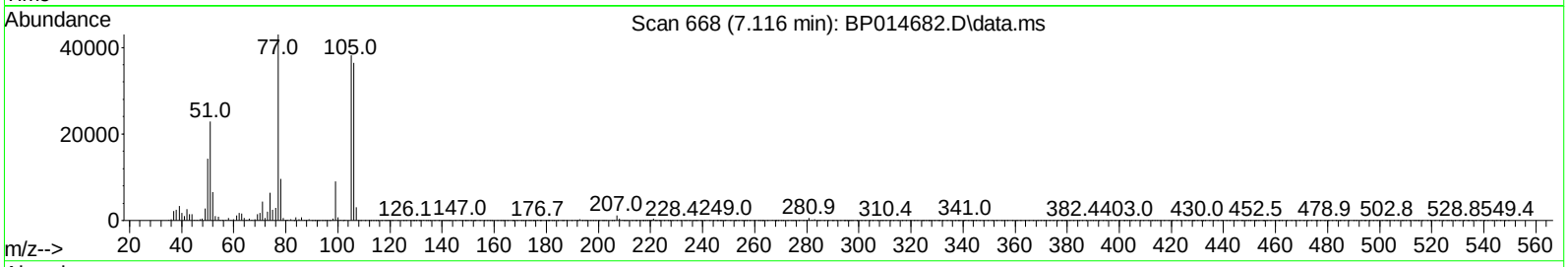

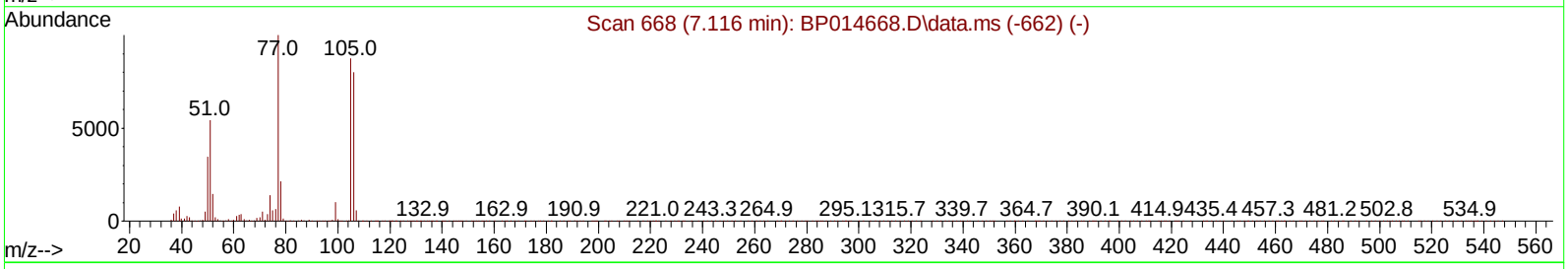

TIC: BP014682.D\data.ms

(6) Benzaldehyde

7.116min (-0.006) 18.96 ng/ul m

response 84842

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.20	88.95
106.00	83.10	84.76
0.00	0.00	0.00

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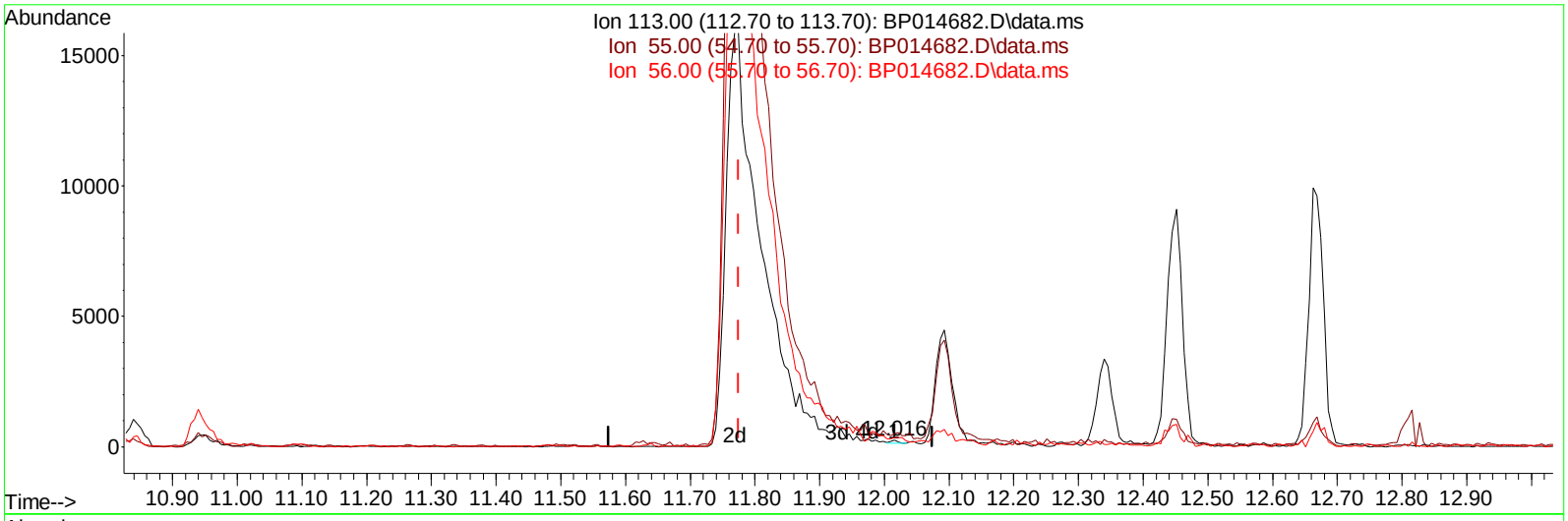

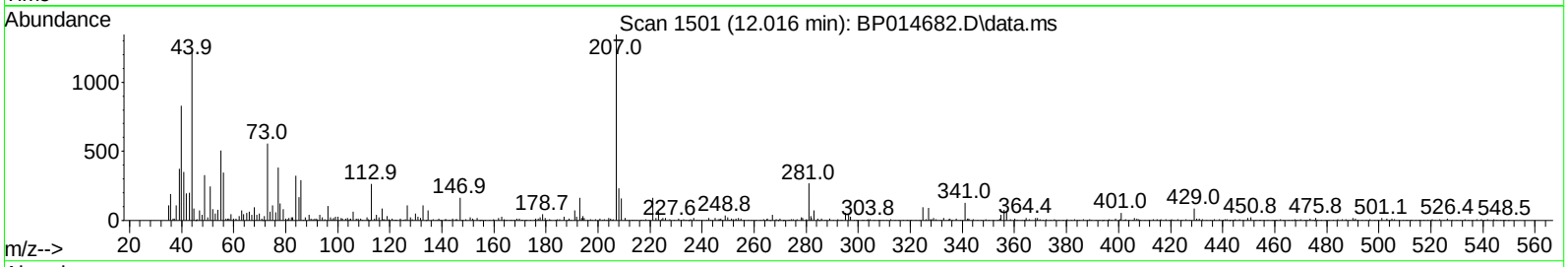

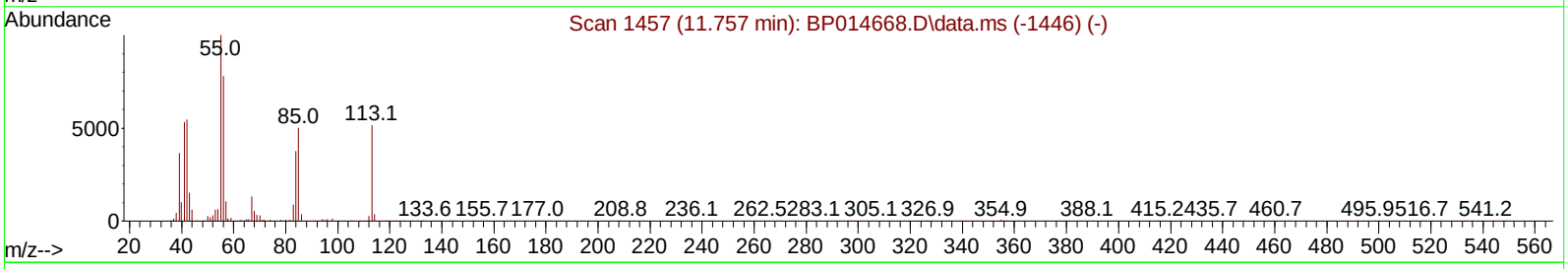

TIC: BP014682.D\data.ms

(34) Caprolactam

12.016min (+ 0.241) 0.05 ng/ul

response 94

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	190.91
56.00	126.40	131.44
0.00	0.00	0.00

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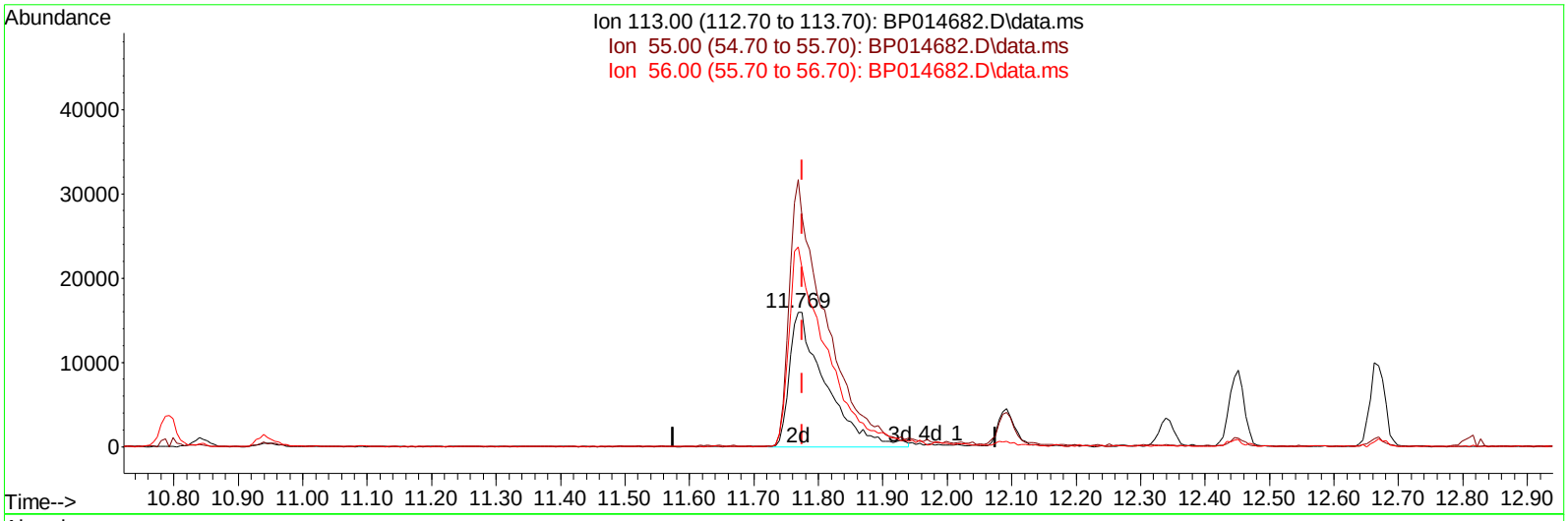

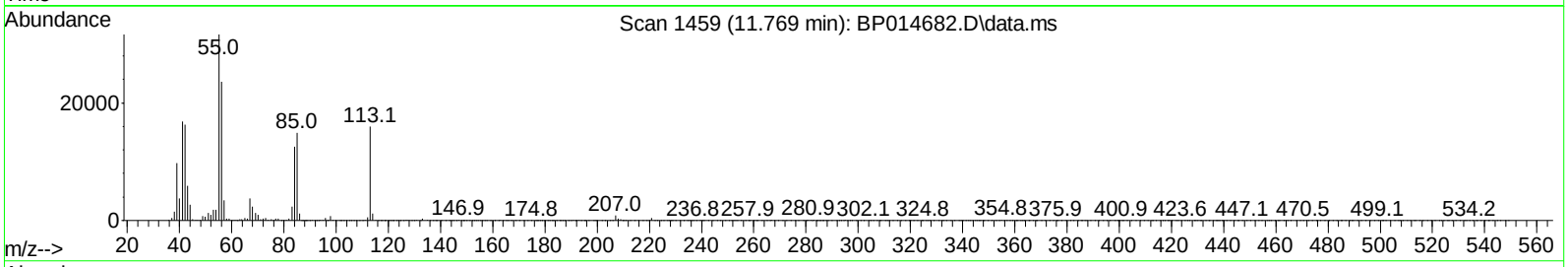

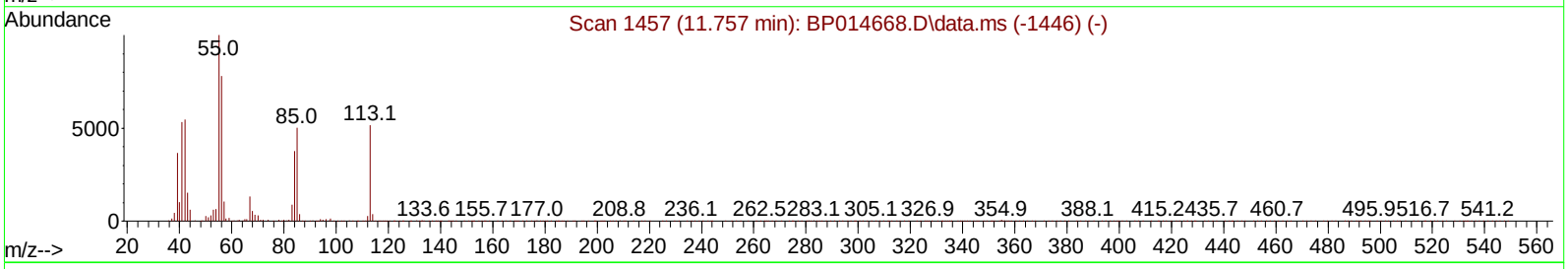

TIC: BP014682.D\data.ms

(34) Caprolactam

11.769min (-0.006) 31.46 ng/ul m

response 62099

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	198.38#
56.00	126.40	148.30
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	7.975	152	97602	20.000	ng/ul	0.00
20) Naphthalene-d8	10.792	136	403342	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	234318	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	478793	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	508741	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	571310	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	17765	7.058	ng/uL	0.00
4) Pyridine-d5	3.793	84	213165	33.050	ng/ul	0.00
7) Phenol-d5	7.140	99	287429	31.932	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	200833	34.774	ng/ul	0.00
11) 2-Chlorophenol-d4	7.504	132	214931	33.036	ng/ul	0.00
15) 4-Methylphenol-d8	8.692	113	219764	30.267	ng/ul	0.00
21) Nitrobenzene-d5	9.151	128	104932	32.226	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	116456	31.234	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	201229	29.635	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	188132	21.034	ng/ul	0.00
46) Dimethylphthalate-d6	14.033	166	556825	29.308	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	641386	30.424	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	87041	30.326	ng/ul	0.00
60) Fluorene-d10	15.621	176	477408	30.132	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	104239	29.588	ng/ul	0.00
73) Anthracene-d10	17.492	188	709423	30.616	ng/ul	0.00
81) Pyrene-d10	19.721	212	859433	25.150	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	955513	31.480	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	42049	15.203	ng/uL	95
5) Pyridine	3.810	79	251487	37.259	ng/ul	96
6) Benzaldehyde	7.116	77	84842m	18.963	ng/ul	
8) Phenol	7.169	94	329837	35.323	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.393	93	264150	35.202	ng/ul	95
12) 2-Chlorophenol	7.534	128	241563	35.674	ng/ul	91
13) 2-Methylphenol	8.428	108	234106	33.618	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.504	45	398659	40.464	ng/ul	98
16) Acetophenone	8.810	105	402252	33.550	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.787	70	229586	35.445	ng/ul	93
18) 4-Methylphenol	8.757	108	253480	33.144	ng/ul	98
19) Hexachloroethane	9.051	117	111275	37.610	ng/ul	90
22) Nitrobenzene	9.192	77	345212	36.904	ng/ul	97
23) Isophorone	9.716	82	576576	33.439	ng/ul	97
25) 2-Nitrophenol	9.910	139	132685	33.716	ng/ul	92
26) 2,4-Dimethylphenol	9.963	107	281896	32.003	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.198	93	338516	32.745	ng/ul	98
29) 2,4-Dichlorophenol	10.445	162	213125	31.893	ng/ul	92
30) Naphthalene	10.845	128	738440	32.868	ng/ul	99
32) 4-Chloroaniline	10.969	127	158129	17.455	ng/ul	97
33) Hexachlorobutadiene	11.116	225	165596	31.279	ng/ul	98
34) Caprolactam	11.769	113	62099m	31.456	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	255111	31.038	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	12.451	142	481005	31.592	ng/ul	100
37)	1-Methylnaphthalene	12.669	142	484074	32.057	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.816	216	269076	32.208	ng/ul	98
40)	Hexachlorocyclopentadiene	12.786	237	152542	28.195	ng/ul	96
41)	2,4,6-Trichlorophenol	13.063	196	164683	31.855	ng/ul	99
42)	2,4,5-Trichlorophenol	13.139	196	178591	32.450	ng/ul	94
43)	1,1'-Biphenyl	13.457	154	631754	33.372	ng/ul	99
44)	2-Chloronaphthalene	13.504	162	506576	33.843	ng/ul	99
45)	2-Nitroaniline	13.722	65	172139	37.135	ng/ul	90
47)	Dimethylphthalate	14.080	163	611936	32.214	ng/ul	99
48)	2,6-Dinitrotoluene	14.210	165	125125	33.714	ng/ul	89
50)	Acenaphthylene	14.351	152	754499	33.606	ng/ul	100
51)	3-Nitroaniline	14.551	138	103706	31.191	ng/ul	93
52)	Acenaphthene	14.686	153	540532	34.070	ng/ul	99
53)	2,4-Dinitrophenol	14.763	184	75922	31.590	ng/ul	86
55)	4-Nitrophenol	14.863	109	98791	34.875	ng/ul	90
56)	Dibenzofuran	15.027	168	725942	32.549	ng/ul	96
57)	2,4-Dinitrotoluene	15.004	165	186265	35.382	ng/ul	90
58)	2,3,4,6-Tetrachlorophenol	15.257	232	149749	30.274	ng/ul#	94
59)	Diethylphthalate	15.445	149	616031	32.634	ng/ul	98
61)	Fluorene	15.680	166	606870	33.571	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.669	204	309563	31.873	ng/ul	98
63)	4-Nitroaniline	15.721	138	95319	35.284	ng/ul	92
66)	4,6-Dinitro-2-methylph...	15.769	198	110853	32.468	ng/ul	96
67)	N-Nitrosodiphenylamine	15.886	169	488552	32.796	ng/ul	98
68)	4-Bromophenyl-phenylether	16.568	248	183498	30.799	ng/ul	99
69)	Hexachlorobenzene	16.686	284	213696	31.226	ng/ul	96
70)	Atrazine	16.851	200	15812	2.916	ng/ul	94
71)	Pentachlorophenol	17.039	266	114938	28.991	ng/ul	98
72)	Phenanthrene	17.433	178	908167	34.094	ng/ul	100
74)	Anthracene	17.521	178	914512	34.064	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.422	216	270726	32.122	ng/uL	98
76)	Pentachlorobenzene	14.945	250	273190	32.486	ng/uL	98
77)	Carbazole	17.804	167	791679	35.238	ng/ul	99
78)	Di-n-butylphthalate	18.327	149	1016517	35.983	ng/ul	99
80)	Fluoranthene	19.398	202	1088126	26.931	ng/ul	99
82)	Pyrene	19.751	202	1158840	27.472	ng/ul	98
83)	Butylbenzylphthalate	20.609	149	491633	33.836	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.398	252	269210	23.927	ng/ul	98
85)	Benzo(a)anthracene	21.462	228	1203955	33.396	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.362	149	723330	36.405	ng/ul	100
87)	Chrysene	21.521	228	1162215	34.142	ng/ul	99
89)	Di-n-octyl phthalate	22.315	149	1312302	35.396	ng/ul	100
90)	Benzo(b)fluoranthene	23.209	252	1295078	33.564	ng/ul	100
91)	Benzo(k)fluoranthene	23.262	252	1265642	33.773	ng/ul	100
93)	Benzo(a)pyrene	23.868	252	1148087	34.568	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	26.597	276	1553551	34.000	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.615	278	1287670	33.659	ng/ul	99
96)	Benzo(g,h,i)perylene	27.409	276	1257218	33.755	ng/ul	97

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

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