Quantitation Report (Qedit)

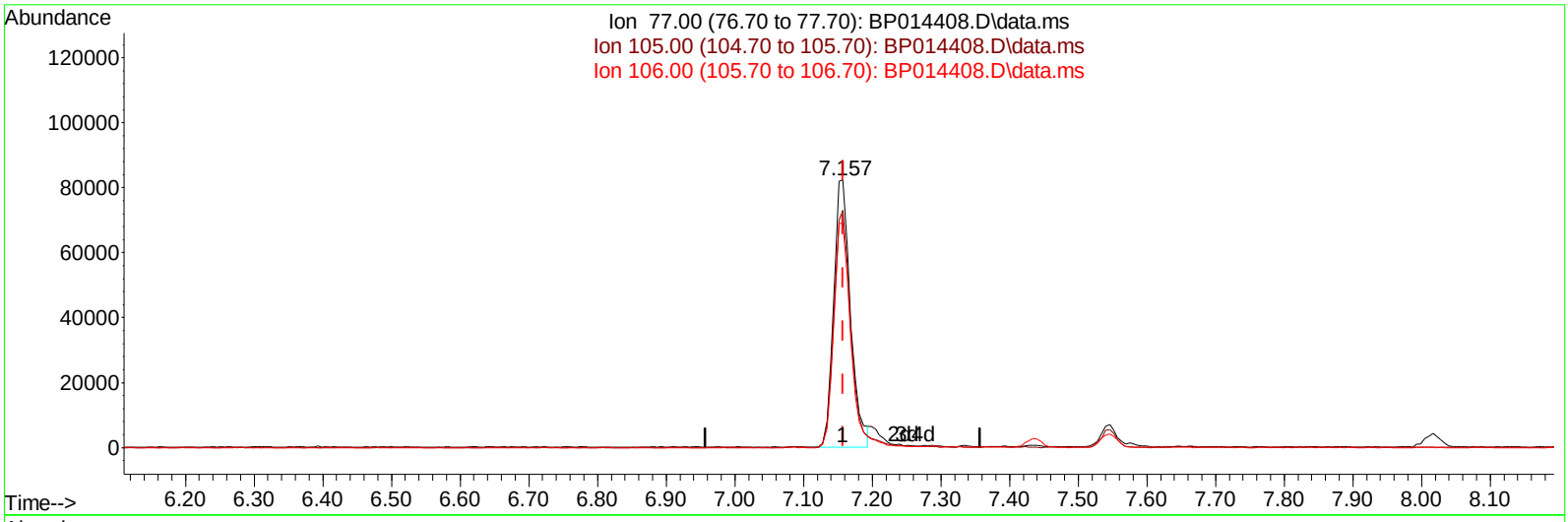
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014408.D
Acq On : 30 Mar 2023 18:41
Operator : CG/JU
Sample : PB151731BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

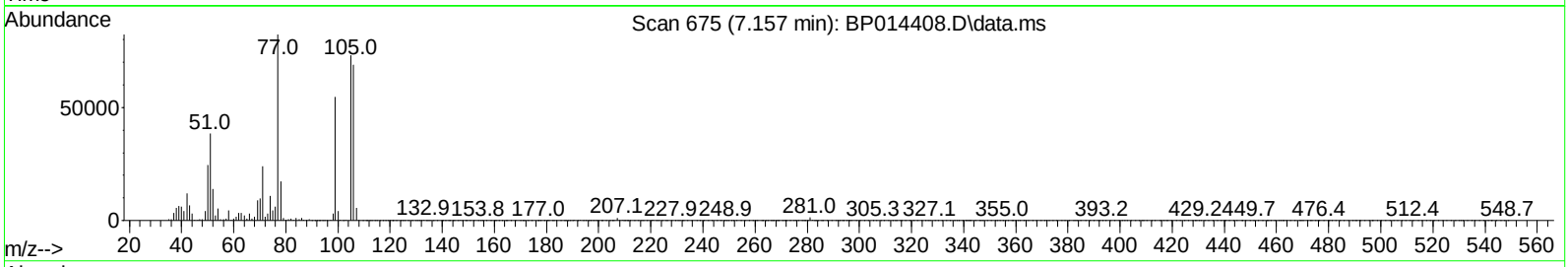
Quant Time: Mar 30 22:42:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 30 12:32:14 2023
Response via : Initial Calibration

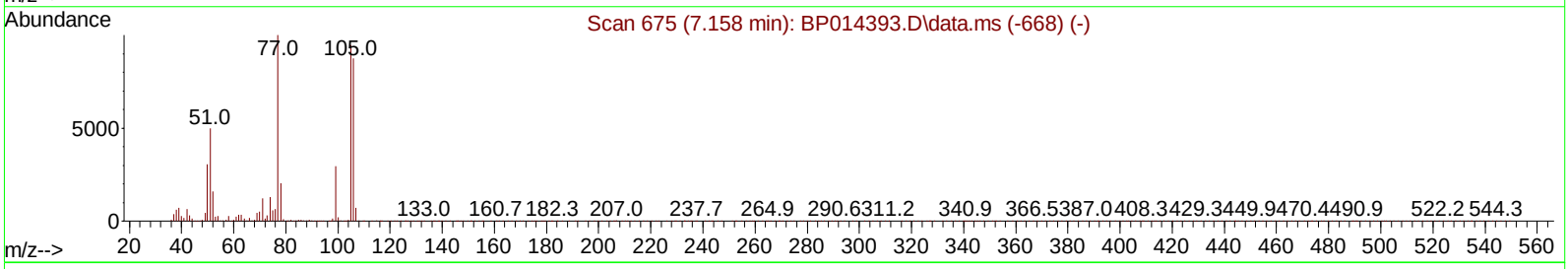
Instrument :
BNA_P
ClientSampleId :
SLCS731

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023







TIC: BP014408.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 20.54 ng/ul

response 140687

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.20	88.73
106.00	83.10	83.74
0.00	0.00	0.00

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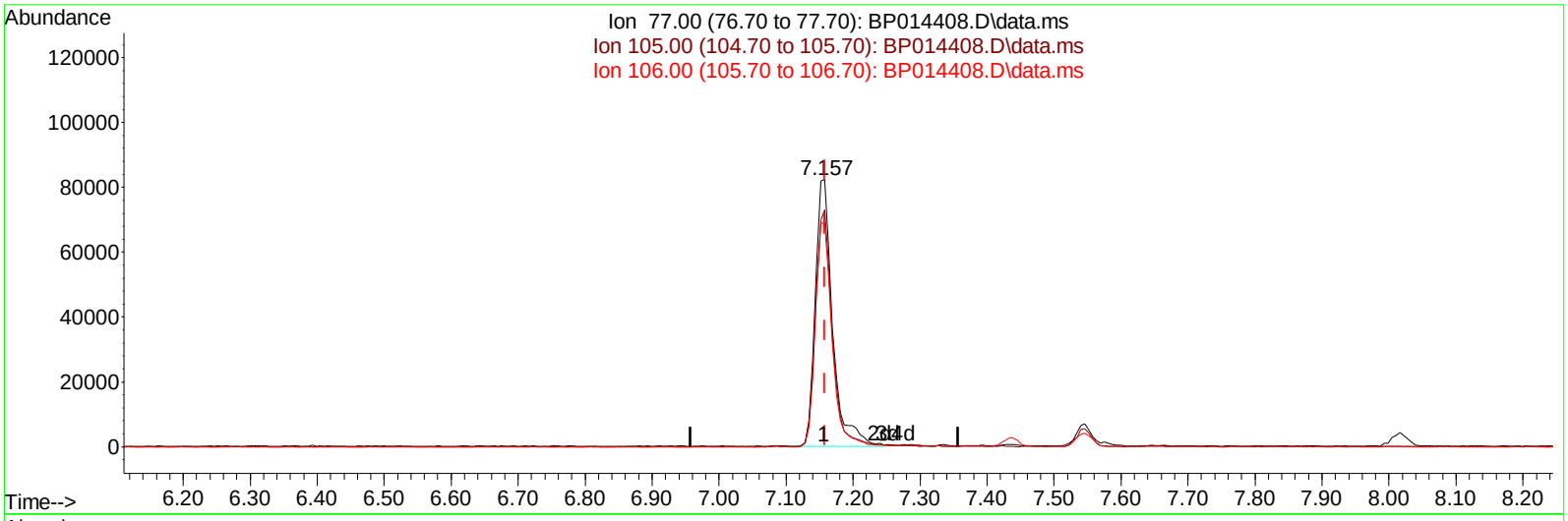

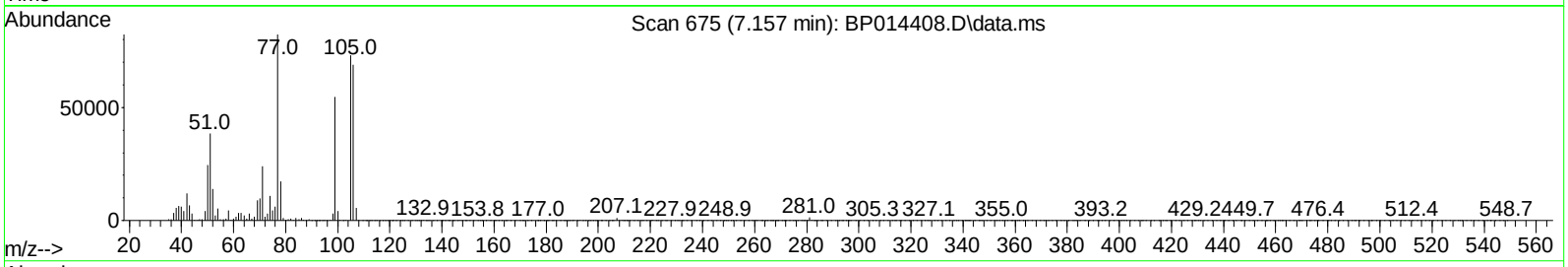

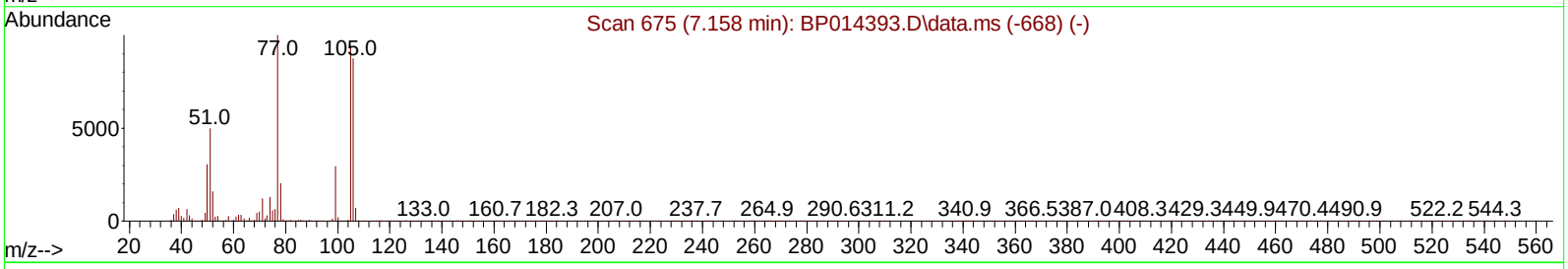

TIC: BP014408.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 21.77 ng/ul m

response 149118

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.20	88.73
106.00	83.10	83.74
0.00	0.00	0.00

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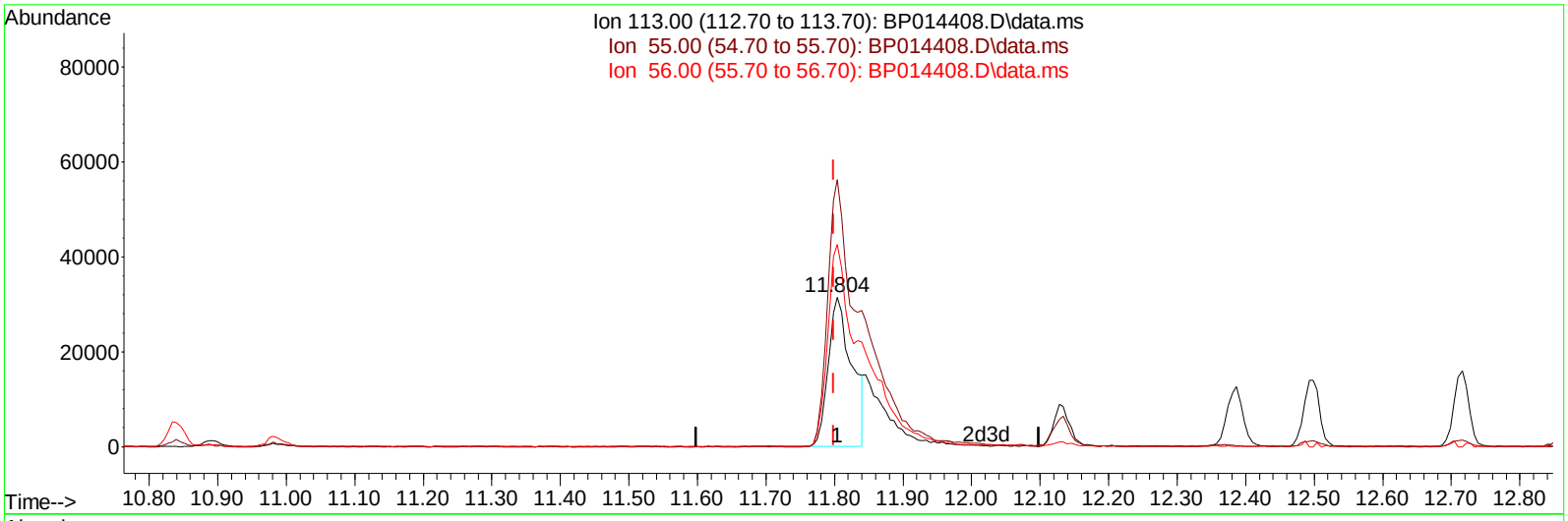

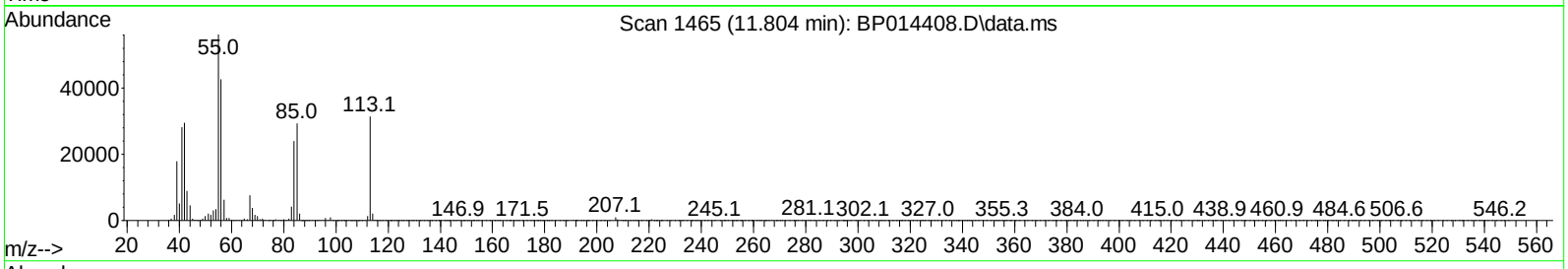

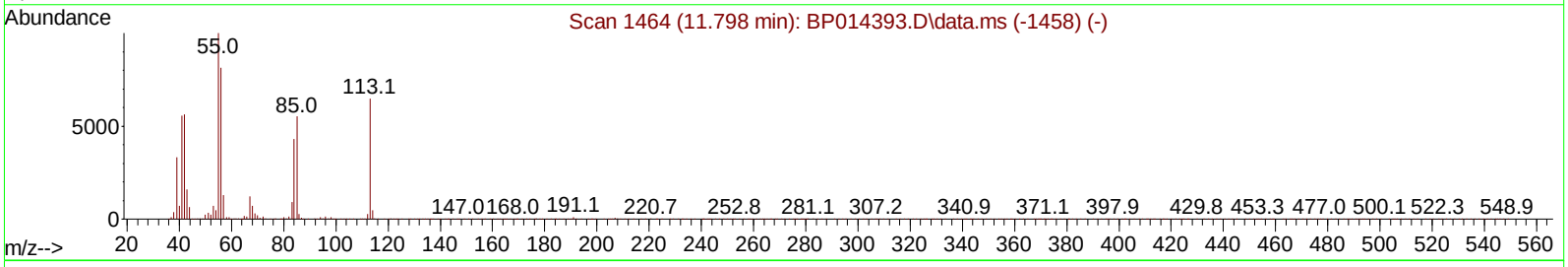

TIC: BP014408.D\data.ms

(34) Caprolactam

11.804min (+ 0.006) 22.81 ng/ul

response 74889

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	178.36
56.00	126.40	135.34
0.00	0.00	0.00

Quantitation Report (Qedit)

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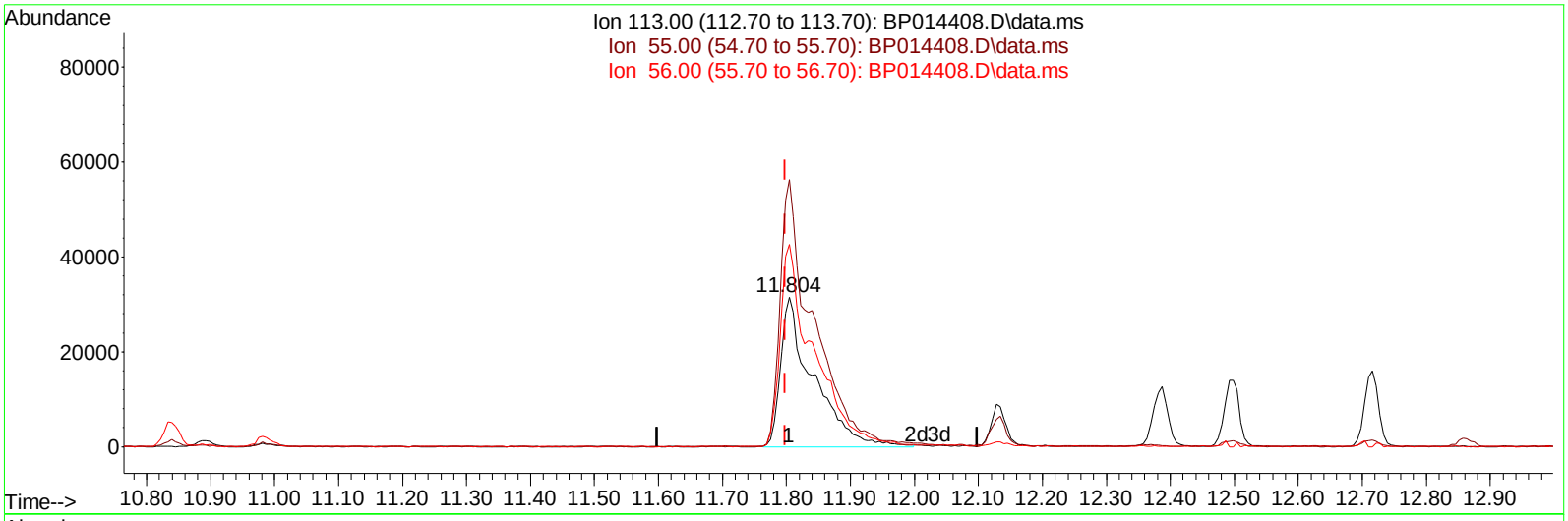

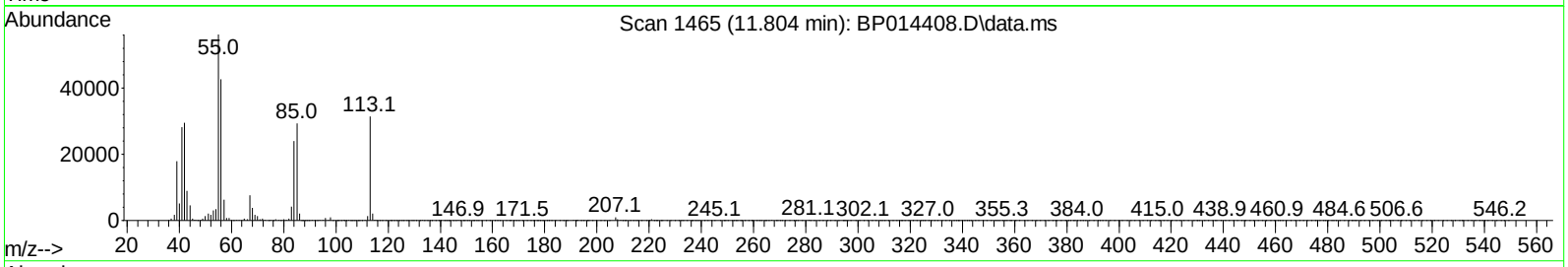

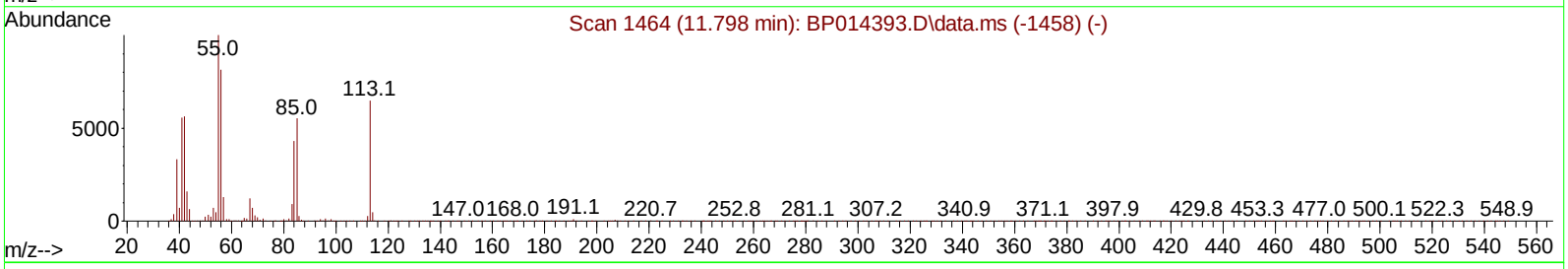

TIC: BP014408.D\data.ms

(34) Caprolactam

11.804min (+ 0.006) 33.81 ng/ul m

response 110992

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	178.36
56.00	126.40	135.34
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	8.016	152	149423	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	670791	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	436335	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.433	188	897611	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	653231	20.000	ng/ul	0.00
88) Perylene-d12	24.045	264	636307	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	22284	5.783	ng/uL	0.00
4) Pyridine-d5	3.822	84	277277	28.081	ng/ul	0.00
7) Phenol-d5	7.175	99	458242	33.253	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	289285	32.718	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	334266	33.560	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	370238	33.307	ng/ul	0.00
21) Nitrobenzene-d5	9.193	128	171405	31.653	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	200646	32.358	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	370565	32.814	ng/ul	0.00
31) 4-Chloroaniline-d4	10.987	131	296427	19.928	ng/ul	0.00
46) Dimethylphthalate-d6	14.081	166	1166018	32.958	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1268256	32.307	ng/ul	0.00
54) 4-Nitrophenol-d4	14.881	143	167910	31.416	ng/ul	0.00
60) Fluorene-d10	15.669	176	951361	32.246	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	215480	32.625	ng/ul	0.00
73) Anthracene-d10	17.533	188	1387863	31.949	ng/ul	0.00
81) Pyrene-d10	19.763	212	1440411	32.828	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	1122553	33.205	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	50424	11.908	ng/uL	98
5) Pyridine	3.840	79	296732	28.716	ng/ul	98
6) Benzaldehyde	7.157	77	149118m	21.770	ng/ul	
8) Phenol	7.205	94	470587	32.919	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.434	93	370141	32.220	ng/ul	99
12) 2-Chlorophenol	7.575	128	340902	32.884	ng/ul	94
13) 2-Methylphenol	8.463	108	354206	33.225	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.540	45	508693	33.726	ng/ul	99
16) Acetophenone	8.852	105	595778	32.458	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.834	70	337504	34.036	ng/ul	97
18) 4-Methylphenol	8.799	108	392409	33.516	ng/ul	99
19) Hexachloroethane	9.099	117	149362	32.975	ng/ul	92
22) Nitrobenzene	9.234	77	491643	31.603	ng/ul	98
23) Isophorone	9.763	82	906910	31.626	ng/ul	100
25) 2-Nitrophenol	9.951	139	206845	31.604	ng/ul	97
26) 2,4-Dimethylphenol	10.004	107	462278	31.557	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.246	93	540714	31.450	ng/ul	98
29) 2,4-Dichlorophenol	10.487	162	358516	32.259	ng/ul	95
30) Naphthalene	10.893	128	1148190	30.730	ng/ul	99
32) 4-Chloroaniline	11.010	127	315456	20.938	ng/ul	99
33) Hexachlorobutadiene	11.163	225	268393	30.483	ng/ul	100
34) Caprolactam	11.804	113	110992m	33.806	ng/ul	
35) 4-Chloro-3-methylphenol	12.134	107	445195	32.568	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.498	142	791383	31.253	ng/ul	100
37) 1-Methylnaphthalene	12.716	142	820571	32.675	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.863	216	479910	30.849	ng/ul	97
40) Hexachlorocyclopentadiene	12.834	237	291134	28.898	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	315387	32.761	ng/ul	98
42) 2,4,5-Trichlorophenol	13.187	196	343571	33.524	ng/ul	100
43) 1,1'-Biphenyl	13.504	154	1103613	31.306	ng/ul	99
44) 2-Chloronaphthalene	13.545	162	869656	31.201	ng/ul	99
45) 2-Nitroaniline	13.763	65	297307	34.443	ng/ul	99
47) Dimethylphthalate	14.128	163	1147505	32.440	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	236314	34.194	ng/ul	97
50) Acenaphthylene	14.392	152	1341302	32.083	ng/ul	99
51) 3-Nitroaniline	14.586	138	154730	24.991	ng/ul	98
52) Acenaphthene	14.734	153	932945	31.579	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	144660	32.323	ng/ul	95
55) 4-Nitrophenol	14.898	109	162900	30.882	ng/ul	95
56) Dibenzofuran	15.069	168	1305478	31.434	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	333631	34.033	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.298	232	304476	33.055	ng/ul	98
59) Diethylphthalate	15.486	149	1155102	32.860	ng/ul	99
61) Fluorene	15.722	166	1073117	31.878	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.710	204	573075	31.687	ng/ul	98
63) 4-Nitroaniline	15.757	138	168836	33.562	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.810	198	208976	32.649	ng/ul	97
67) N-Nitrosodiphenylamine	15.928	169	787419	28.195	ng/ul	100
68) 4-Bromophenyl-phenylether	16.610	248	359659	32.200	ng/ul	98
69) Hexachlorobenzene	16.728	284	410183	31.971	ng/ul	97
70) Atrazine	16.886	200	57008	5.607	ng/ul	100
71) Pentachlorophenol	17.081	266	233566	31.424	ng/ul	100
72) Phenanthrene	17.475	178	1612337	32.287	ng/ul	99
74) Anthracene	17.569	178	1609675	31.982	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.469	216	486498	30.791	ng/uL	100
76) Pentachlorobenzene	14.986	250	500084	31.720	ng/uL	99
77) Carbazole	17.839	167	1147639	27.247	ng/ul	98
78) Di-n-butylphthalate	18.369	149	1776461	33.543	ng/ul	100
80) Fluoranthene	19.433	202	1719399	33.143	ng/ul	99
82) Pyrene	19.792	202	1734490	32.024	ng/ul	99
83) Butylbenzylphthalate	20.651	149	657209	35.226	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.433	252	211708	14.654	ng/ul	99
85) Benzo(a)anthracene	21.504	228	1514383	32.715	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	933590	36.594	ng/ul	100
87) Chrysene	21.563	228	1442017	32.992	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	1522800	36.878	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1496506	34.823	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	1470911	35.241	ng/ul	100
93) Benzo(a)pyrene	23.933	252	1293902	34.979	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.692	276	1827854	35.917	ng/ul	98
95) Dibenzo(a,h)anthracene	26.704	278	1533543	35.991	ng/ul	99
96) Benzo(g,h,i)perylene	27.509	276	1477086	35.607	ng/ul	99

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

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