Quantitation Report (Qedit)

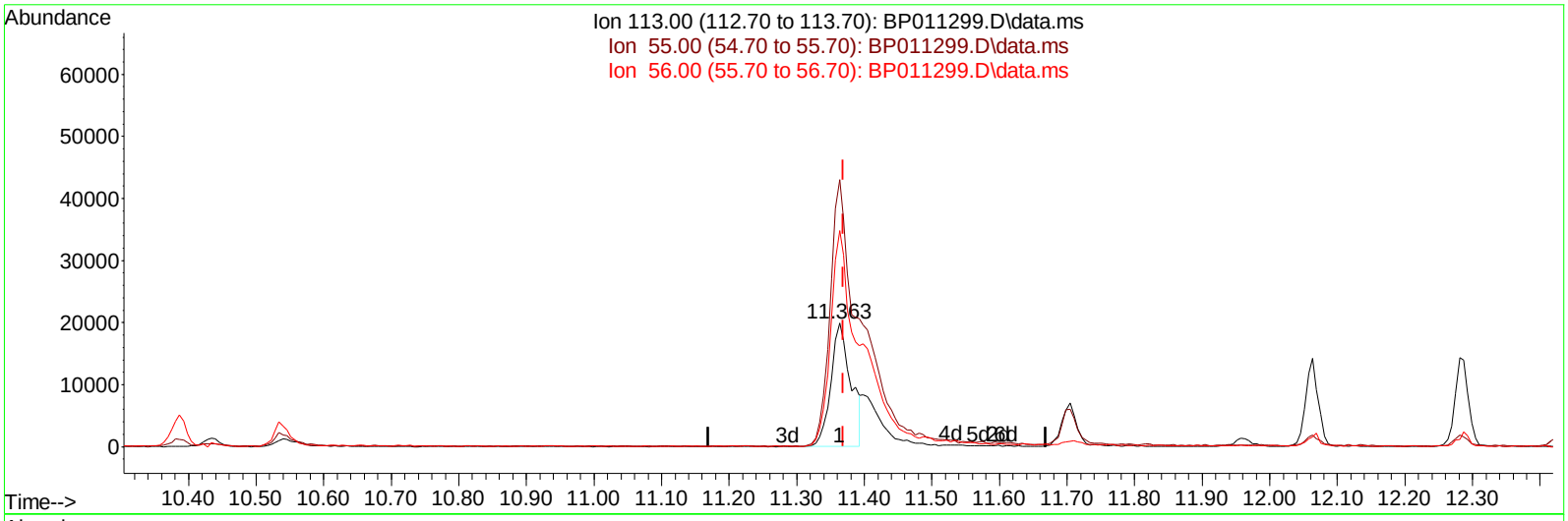
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080522\
Data File : BP011299.D
Acq On : 06 Aug 2022 03:04
Operator : CG/JU
Sample : PB146767BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

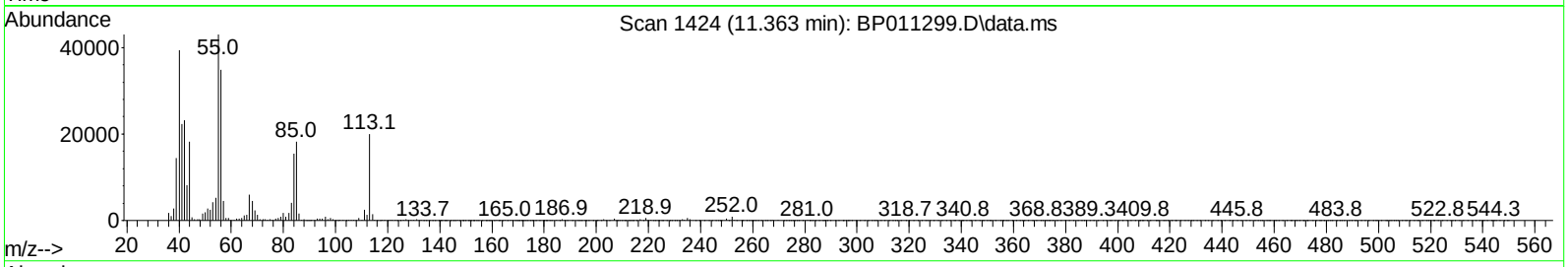
Quant Time: Aug 06 04:04:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 02 23:52:37 2022
Response via : Initial Calibration

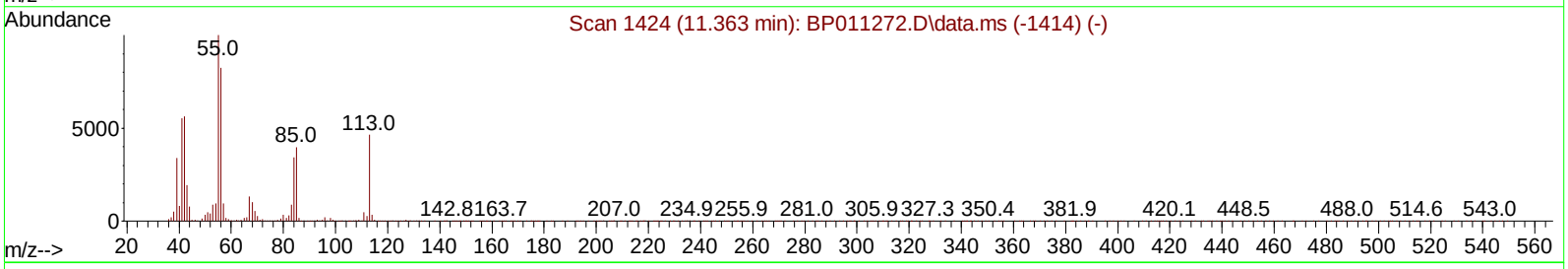
Instrument :
BNA_P
ClientSampleId :
SLCS767

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/10/2022







TIC: BP011299.D\data.ms

(34) Caprolactam

11.363min (-0.006) 19.18 ng/ul

response 41131

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	205.30	215.30
56.00	158.80	174.53
0.00	0.00	0.00

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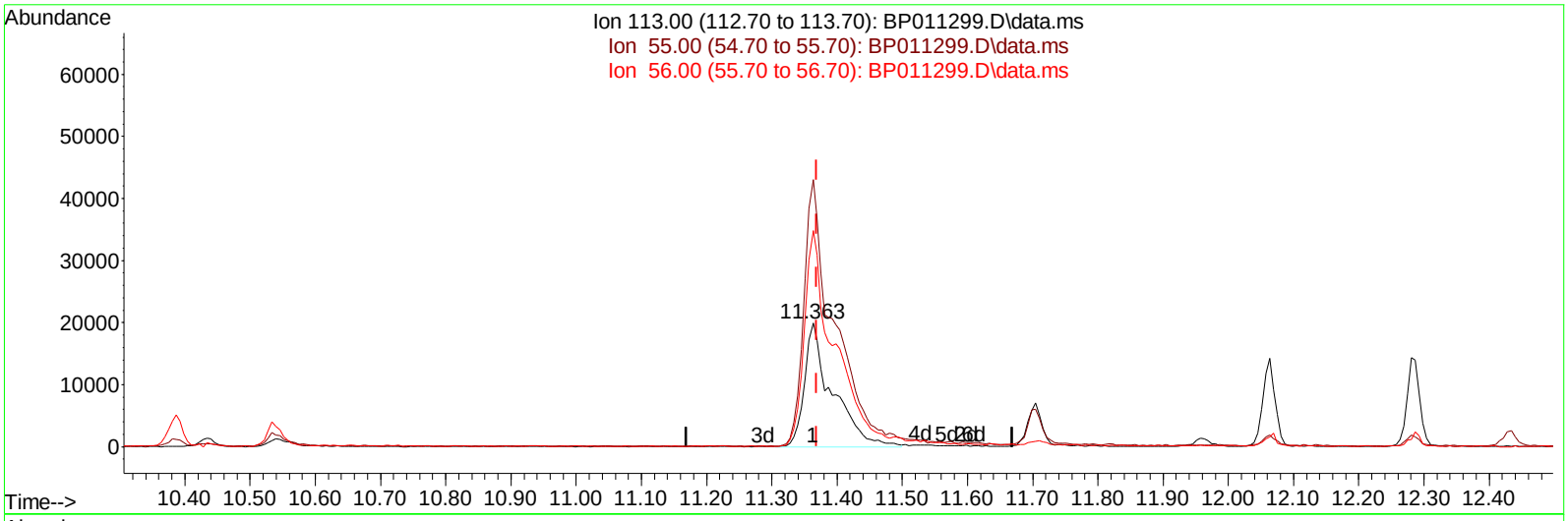

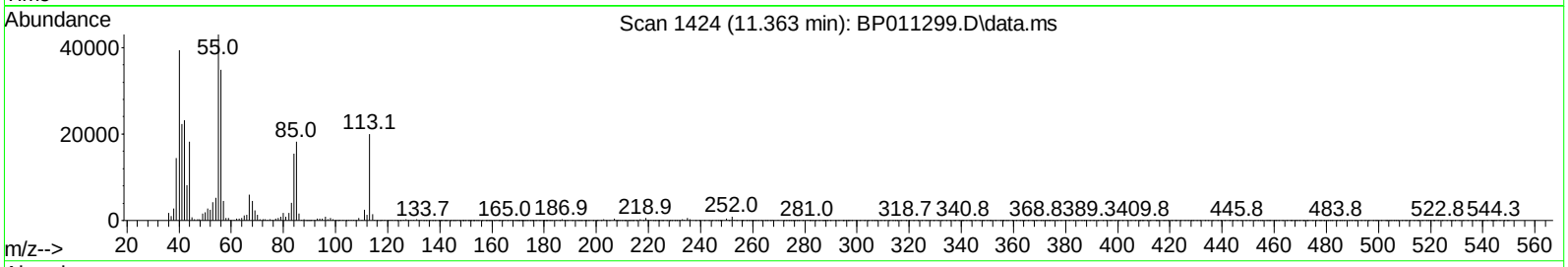

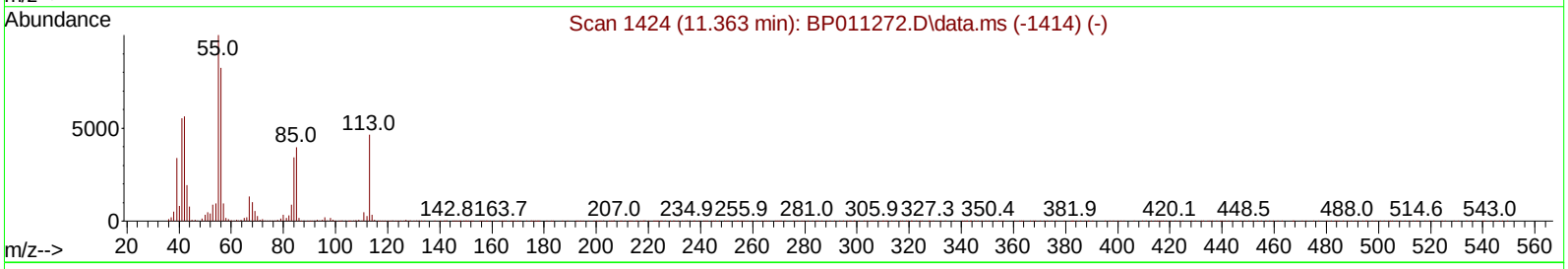

TIC: BP011299.D\data.ms

(34) Caprolactam

11.363min (-0.006) 27.35 ng/ul m

response 58647

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	205.30	215.30
56.00	158.80	174.53
0.00	0.00	0.00

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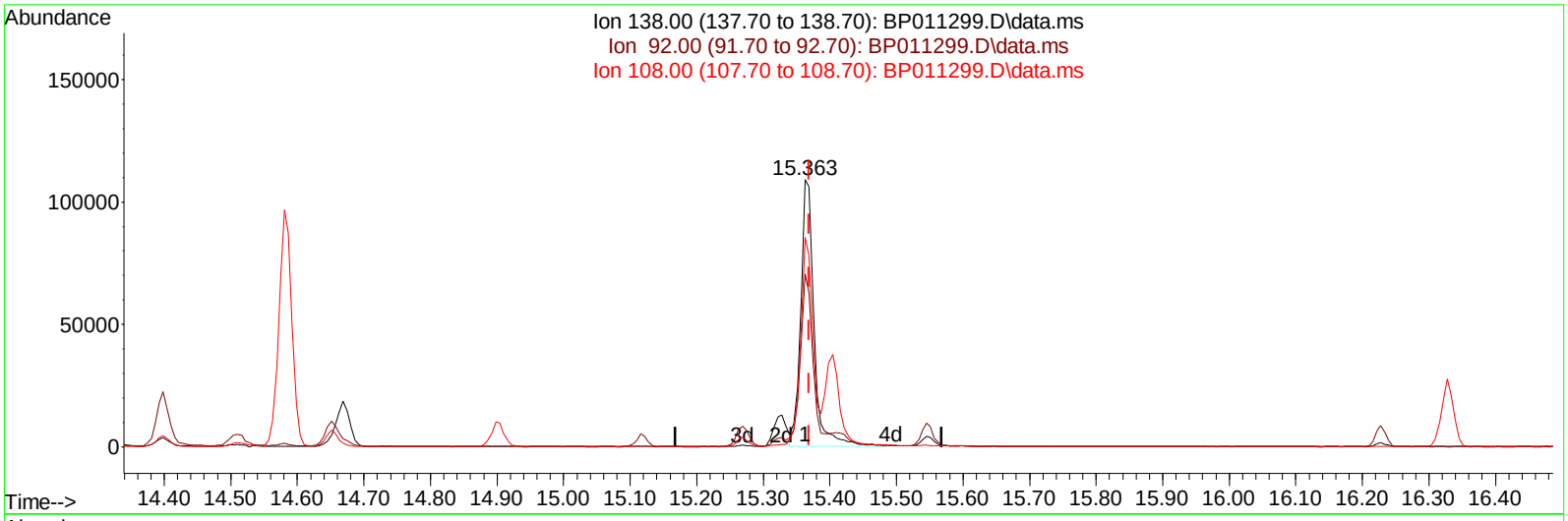

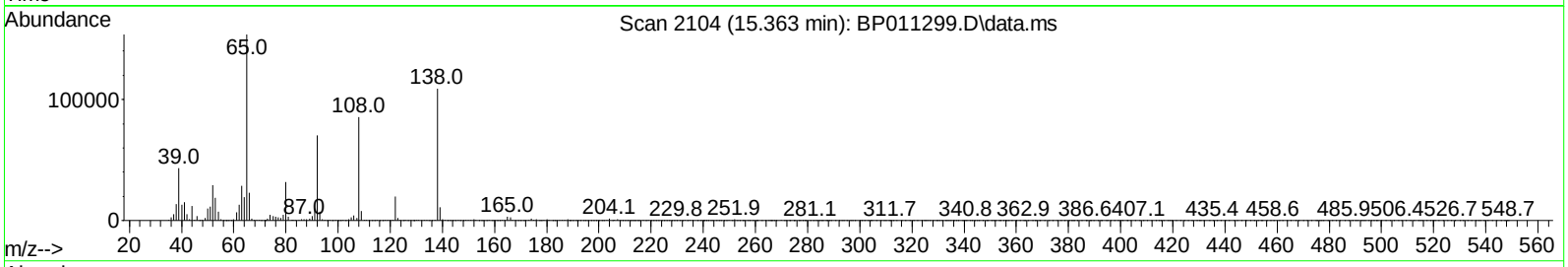

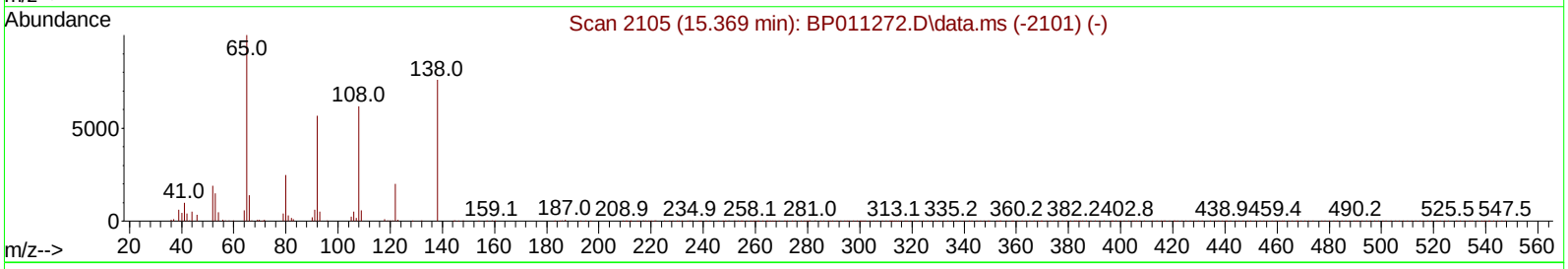

TIC: BP011299.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 38.32 ng/ul

response 152308

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	69.90	64.62
108.00	83.90	78.45
0.00	0.00	0.00

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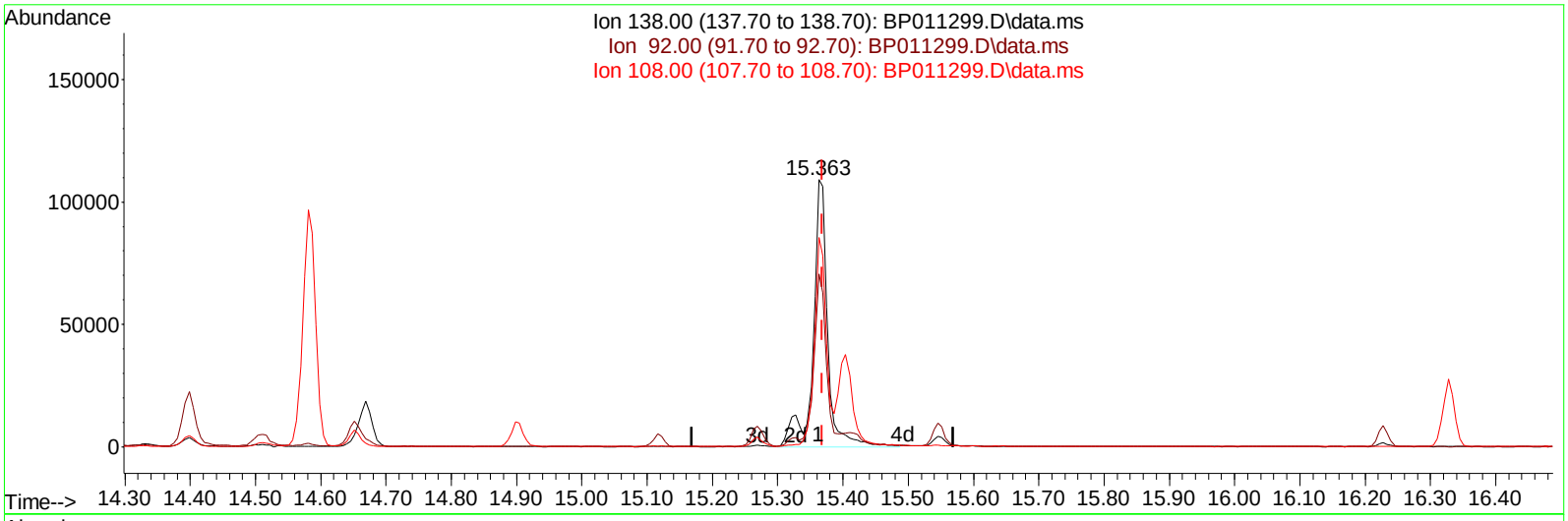

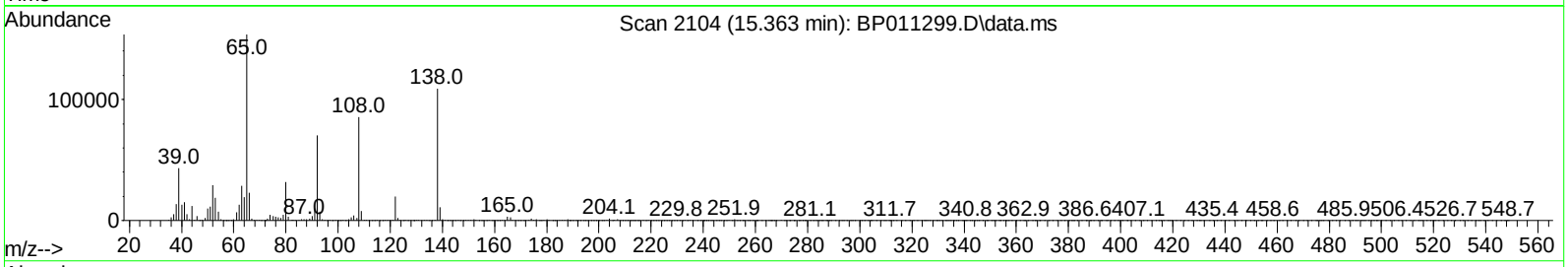

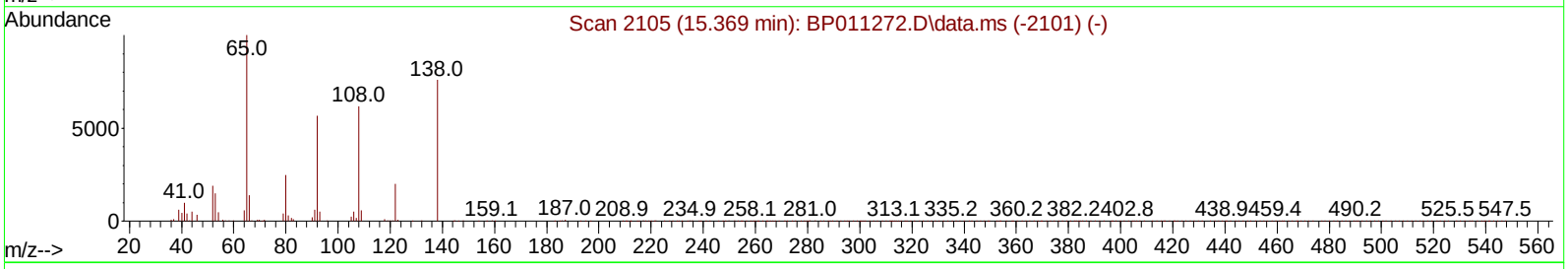

TIC: BP011299.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 43.18 ng/ul m

response 171610

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	69.90	64.62
108.00	83.90	78.45
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	7.593	152	114556	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	538869	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.263	164	415252	20.000	ng/ul	#-0.01
64) Phenanthrene-d10	17.039	188	813012	20.000	ng/ul	0.00
79) Chrysene-d12	21.163	240	950527	20.000	ng/ul	-0.01
88) Perylene-d12	23.468	264	805030	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	4312	3.043	ng/uL	0.00
4) Pyridine-d5	3.499	84	79393	20.775	ng/ul	0.00
7) Phenol-d5	6.781	99	284524	29.804	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	231593	33.619	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.128	132	221980	28.527	ng/ul	-0.01
15) 4-Methylphenol-d8	8.322	113	221167	28.155	ng/ul	0.00
21) Nitrobenzene-d5	8.757	128	164330	42.397	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.475	143	128344	35.326	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.016	165	259419	37.444	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	423111	39.475	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	834585	29.345	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	1290081	36.053	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.498	143	181383	37.504	ng/ul	0.00
60) Fluorene-d10	15.269	176	953385	39.396	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	157289	41.664	ng/ul	-0.01
73) Anthracene-d10	17.133	188	1507236	42.183	ng/ul	-0.01
81) Pyrene-d10	19.398	212	1595880	33.207	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.321	264	1508125	37.594	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.122	88	7550	5.778	ng/uL#	68
5) Pyridine	3.517	79	74757	19.318	ng/ul	95
6) Benzaldehyde	6.746	77	152312	32.637	ng/ul	96
8) Phenol	6.805	94	305124	29.806	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.034	93	260079	30.963	ng/ul	97
12) 2-Chlorophenol	7.158	128	253693	31.388	ng/ul	95
13) 2-Methylphenol	8.052	108	197782	25.535	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.134	45	410219	28.659	ng/ul	95
16) Acetophenone	8.422	105	626878	49.243	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.416	70	214686	34.658	ng/ul	99
18) 4-Methylphenol	8.381	108	277112	33.360	ng/ul	98
19) Hexachloroethane	8.657	117	197089	50.851	ng/ul	99
22) Nitrobenzene	8.799	77	441429	41.559	ng/ul	98
23) Isophorone	9.334	82	545369	28.855	ng/ul	98
25) 2-Nitrophenol	9.510	139	154366	36.717	ng/ul	98
26) 2,4-Dimethylphenol	9.581	107	280474	29.488	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.816	93	364288	30.614	ng/ul	98
29) 2,4-Dichlorophenol	10.040	162	292776	40.436	ng/ul	98
30) Naphthalene	10.434	128	1211942	42.602	ng/ul	100
32) 4-Chloroaniline	10.563	127	388056	35.746	ng/ul	99
33) Hexachlorobutadiene	10.716	225	218617	48.338	ng/ul	99
34) Caprolactam	11.363	113	58647m	27.346	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	304724	37.215	ng/ul	97

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	730107	41.074 ng/ul	99
37) 1-Methylnaphthalene	12.281	142	750486	42.030 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.434	216	388284	34.190 ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	169705	23.651 ng/ul	98
41) 2,4,6-Trichlorophenol	12.687	196	187579	26.365 ng/ul	99
42) 2,4,5-Trichlorophenol	12.757	196	235503	30.845 ng/ul	99
43) 1,1'-Biphenyl	13.093	154	1119706	33.785 ng/ul	99
44) 2-Chloronaphthalene	13.128	162	857879	34.699 ng/ul	99
45) 2-Nitroaniline	13.357	65	146572	24.646 ng/ul	94
47) Dimethylphthalate	13.740	163	901132	31.408 ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	148243	34.421 ng/ul	93
50) Acenaphthylene	13.987	152	1502980	37.171 ng/ul	99
51) 3-Nitroaniline	14.192	138	145220	30.570 ng/ul#	96
52) Acenaphthene	14.328	153	966104	36.939 ng/ul#	94
53) 2,4-Dinitrophenol	14.398	184	83993	32.841 ng/ul	98
55) 4-Nitrophenol	14.510	109	149561	34.267 ng/ul	93
56) Dibenzofuran	14.669	168	1411834	39.446 ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	289014	42.611 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.904	232	189906	32.941 ng/ul	93
59) Diethylphthalate	15.116	149	833757	28.158 ng/ul	99
61) Fluorene	15.328	166	1175777	41.231 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	515216	40.912 ng/ul	99
63) 4-Nitroaniline	15.363	138	171610m	43.176 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	150880	38.651 ng/ul	99
67) N-Nitrosodiphenylamine	15.545	169	770221	32.412 ng/ul#	86
68) 4-Bromophenyl-phenylether	16.228	248	247121	33.694 ng/ul	98
69) Hexachlorobenzene	16.328	284	333190	38.892 ng/ul	99
70) Atrazine	16.516	200	49101	6.907 ng/ul	98
71) Pentachlorophenol	16.686	266	161756	32.237 ng/ul	99
72) Phenanthrene	17.081	178	1798470	40.404 ng/ul	99
74) Anthracene	17.169	178	1829078	41.318 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	341889	27.479 ng/uL	99
76) Pentachlorobenzene	14.587	250	400725	37.782 ng/uL	98
77) Carbazole	17.451	167	1544237	38.895 ng/ul	100
78) Di-n-butylphthalate	18.028	149	1106326	22.464 ng/ul#	95
80) Fluoranthene	19.069	202	1843792	31.370 ng/ul	99
82) Pyrene	19.422	202	2111661	34.428 ng/ul	97
83) Butylbenzylphthalate	20.322	149	317869	13.573 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.092	252	228923	14.725 ng/ul	99
85) Benzo(a)anthracene	21.145	228	1940442	32.662 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.086	149	568691	14.211 ng/ul#	99
87) Chrysene	21.198	228	1928050	32.972 ng/ul	100
89) Di-n-octyl phthalate	21.986	149	994538	18.119 ng/ul	100
90) Benzo(b)fluoranthene	22.768	252	1888375	36.820 ng/ul	99
91) Benzo(k)fluoranthene	22.816	252	1851270	38.474 ng/ul	99
93) Benzo(a)pyrene	23.368	252	1847069	36.997 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.851	276	2033497	34.129 ng/ul	97
95) Dibenzo(a,h)anthracene	25.868	278	1767624	34.985 ng/ul	100
96) Benzo(g,h,i)perylene	26.580	276	1695852	33.214 ng/ul	97

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

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